

Natural History Notes From 1879 to 1887 inchesin.

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Natural : History Aroles re.

To 1884 inclusion

W- J. Dans Tompkinsville Stalen Bland

In 1877 while in Bullion les n.y. I captured served chip munsts in a ship munk rat trap, and on aug 5 one of them had two young, but Killed them soon The summer of 1882 from the facts collected, seemed to me at the time to be a late one, things being about a week or perhaps two weeks behind hand. There was a shower today that was cometting to be remembered, as the num came down in an mineuse sheet, quickly filling gutters & enny thing in which water is conductedly to our flowing The water came down the hell which leads to the ferry with such force, or in such quantity, that notting could hold it; & it row much or a considerable portron of the dock. June 26 - 1882 The "button ball" bush is an exceedingly good place to find many butterflies. It is in blown on States Island about the end of he after notes then are usually about two well marked crops The wormen and of mosquilos on S. I. during the Summer, The

first of these comes about July 4 " x the second about the same time in august. In 1882 it came on this 10of aug.

I saw about 20 ants today feeding on anto april 7" a piece of brad. april 8 Butterflees abroad Butter flies april 13 Camberwell beauties abroad. Camberwell beauty april 21 Found a few conferrer bees on the Carpenter bee ground near the will, which the five weather had widently tempted out of their burrow just abore, Homble bee & april 22 Saw a humble-bee flying about Shyreus May 20' Thymus abbottin came from cheyoas today, the prepar being out of doors. Carpenter been May 23 I discovered a curpenter bees nest today which I cut open, and found it to be thirteen inches long; the enterance being about in the middle. Thyreus may 24 a second 9. abbottir come may 31 Cimber when emerged from pupar lo in bex The lura fed on the willow. Calloroma June 5 Callosoma scrubator abroad Phanaeses June of Phanaeus carrifes to be found June 8 Enychia octomaculata caught on Enychia June 11 a second Enychia 8-maculata Elater June 12 Elaler oculatus abroad June 15 Caught a large fly in the act of satching a yellow butterfly asterias butterfly June 16 asterias butterflees an abroad

31879 June 25 Philampelus Satelletia batched Papa Thilampelus out of doors. June 30 Philampelus achemen emerged from Philampelus aliny sales. July 15 The first harvest fly Harvest fly Seria July 27 The first Seria following they ste July 31 I put some spiders in two years about July 19" One jar contained one Spider m male of two females, the other a 3 r q. a Captivity short time afterwards on booking in the year in which the three spiders were confined, I found that the male & one of the females had eaten their female companion. On looking in the year a short home afterwards I found that the remanning female had eaten the male Kaly did I aug 8 The first - Kaly did ang 15 Last Sunday I watched a lot of Fruged auto anged anto take their departure from home They generally crawled up a grass stem from which to start: Of the many that I thus sew late their departure, searely one got out of eight before it was caught by a swallow. So out of the many thousands probably one or two only reached the ground in safely to become the founders of other colonies

aug 20 Pelecimus poly cerator abroad This Pelecinus susect is found very often in Cedar wood Garter make Sept 1 My garder snake had twenty on young today. They are about sof in long and striped, much as in the old ones. Two were born dead Sept-8 at lemmass N. g. I found a number of Falking stick insects. They reem Halking - strik to be very common there, particularly in musich. thick woods, Serval were laken of a green color, which is no doubt owing to their having recently shed their skins, Some one green of some on bromosh or straw core) Oth 4 I watched some Skales today in the brook. I noticed that in skaling about on the water, they only use the secure pair of legs to propel themselves. The other two are Kept stationary. I throw a cricket in the water which one of them immediately caught and began to such its juices. tammalalanta, r. antropa , r. rapla Vanessel Grapler an abroad. Nor1 I found a red sea-anemone or the shore, It is about an unch high when expanded, and eats or rather

5 1879 envelopes such pieces of clam & as I happen to give it. I think it is Metridium marginalum nor 12 on rept 25- 1879, I put a common He dix Hely under a glass, where I left it entil nor 9, when I look it out and put it in water, Then it quickly should signs of lefe. Nor 21 On the 9" a Dyticus was found Lyticus on ito back in the garden. The land twitter that I have did not bury themselves until abot - nor 18" a turlle haring deed, I opened him in hopes of discorning the cause. I found about 15 worms in els stomach, which probably however, did not cause ilo death - The turtle was Emys picla - 1880 -1880 Febry 29 and an abroad I saw one we auto the window. Can berwell beauties out and anessal a dung bette flew against a ruit fine Payelines of Eyelines latter under Red winged black birds an here Meli 10 The garter make which had the young, shed its skin boday. It also arter marke

shed it on July 15-1879 Mele 21 I found the fine specimen of Hemidactiflina Scutatum today under a stone He emidacly lines Rana sylvatice 3 x 9 were found in a Rane april 4" trent bramping today with Ho. a. Wheeler. I found another legalines under a Coychnio red-shouldered hawk done. H. Ir. got four red shouldend hawks eggs near Bull's Head & I a flying - squired also found two amblystones punctala in a Flying squiml ambly stoma Then was lightning Lightning april 8 an ichneumon (Rhyssa) was Rhyssa found in the garden, or a bumble bumble bee bee on the 5th. april 11 hent to the woods with H. a. Wheeler. Theeler found a fish-crown Fish cono mest with fin eggs, which are much won parted them those of the common eron + the bird gives a deeper "caed". I found thre common crows eggs later in the day, which were fresh. On turning our a log, I found a Mouse's nest mouses nest composed enterly of

hear, and containing four young about an with long, all of which I carefully replaced In the first had of our walk H.a. W. powley out to me a large chestrul true seme six Chestrut- Ine fl. un d'ameler. H.a Il saw a awallow Swallow Snow It swould slightly and was very coldapril 17 about - two weeks ugo on luming orer a sline of found a nest of yellow and which contained a verst number of. yellow anti aphidae, or purerous is Huber calls and there, They were of a flesh color and were UNG conveyed away by the unto as fast as possible April 18 The weather was exceedingly wan und pleasant today; butterflies flitted Lutterflies through the arr and the hum of the Celaria could be heard in every grassy Celenia H. a. W. & myself came across two owls Owls a greyo-squerrel, and some flying ones. In Squirrelo got some lorous eggs and one red -Corres chouldered bowks. In the top of a Hauth cedar tre I found a mouses next composed of cedar bank, mostly. When I louched it - the mother jumped out and row along the boughts to the oppulation. One of the lettle ones which

tried to catch well down the bre und was secund by my friend On luring orivas slow I found a nest of yellow anto, the ones that Yellow auto domesticale the appliedae. The nestandwas so setuated that the roots of a Ofelica a neighboring bre passed through to-Chambers, and on these the appliedae were setuated. They were of a flesh color a number of their eggs which are of a brown color, according to Houser (auto being while) were at the bottom of the upper cello, These very however, soon Some one of the Lycaenidae in a field Whip powel I was coming home. April 30" I observe that Passalus comule Pusculia produces sound by means of a few sliff bonstes placed or its abdonen. These il- rubo up and down on the edges of the ely trai, thus producing a slight noise. Bullimon Orioles May 2 Baltimon Orioles Veal-birds Cat bird have made their appearance Some This possed a trup poorwell in one quel spote

me the woods. I heard a from themshe sing for the first time this year. Brown thrush May y's it gound I marilina, an Car ung earwis, on the shore. They are me veet numbers. May 16" Trent to the woods with Ho, U. Wheeler. He formed a ling-Thing for her fishers nest in a bank where they had been mong non one. The and rest andriance to the nest was about 11/2 fl- from the surface of the ground The book ease ful measure ments and directions, and their began to dig down on the nest welf, which we found exactly at the soiton of our shaft. It measured about, twitre meles each way and was composed of small fish bones land without any regular order. her were server eggs, which are as large as those of pigeous, the warm color being while with yellowish bloteter which will wash off if can is not latter to prevent it. The champer of the nest was about four ft from moulte or opening. bumble being I found a bumble bee in an

old signimits nest. I do not think it could have been then all winter us il is loo lale for il - to be he bernating. May 20 The garter smalle mentioned Garter enale ut in brivious notes shed its sim aguir today May il styla oursicolor found on as Hoyr ... cedar. Papilio philenor abroad Tapelio Gol- fine swallow's eggs which were Sweethours eggs (While belled sweller) not very fresh. They were four while Muli Popilio & Physe May 31 Papilio turnes & Pily sa ou June 6 Lementes exphestion out. Macrodactépher subspinosus common Limmelis Muerod. on black-berry Line 16 I took great interest the other day in observing a speider prouting Huder 4 about a small was por nest about mas/231. an mel and a half in diameter. De laid in want at the opening of the nest for the wasps that came out and then made a spring for them, but I did not are it catch an

11,1840 Poetly soon the sounder of the colony came out and run after the spider over the surface of the nest, making a mobiling sound as in went. The ficher retrials to safe guarders, but only to comie out again as soon as the wasp disap. Jeand. On senday June 1. H. Ce. Ir will I went to the woods . We found the Land tralle smallest land livite which I have (see proge 15) get- seen. It meanward, carapare 3 in long; plastron 11/ June 18 H. C. W- gave me a splendig milk make milk suche, length 31/2 ft June 3 + Tenas meifspe formel Tereno niciple for the first time on S. I. In Frogs about commed fifty frogs or on one stone ? counted lurily, The spring was very for an account of the dry weather. Found i of the rel Salamanders und Salan en der a log. They are not conver on the To-Shad from June 29 I find abad frags quite a distance

July 2 The army-worn is doing consider able damage about New Dorp this year. Umy worm I received a few worms or the first me entend the ground on June 15th, the others a day or so later, On this day the first one hatched Amdeur July + - Cherry and congruenced a Storing frog and a Shed frog . It trogs and is quite unusing to see what they will uly Com eat. The storing frog has repeatedly eater large hury cater sellars and this morning when I but a clay beelle in the box it mapped at that but let it - you egain rather suddenly. The Stag beelle enants up on the front backs when their exertions to get rid of him are queli- amusing. I freet in the but, reveal days ago, some cricket frogs which have disappeared & I think the Spring frog Knows where they have. conception July 1. I head a Converphalus dridulate for the first time the men musquitor July 10 The musquitors are very thing

July 17 While strolling through the woods today about half part four oclock I came to a lot of reddesh brown auto wer and, measuring I should think 1/4 in in length. They were carrying purpose in Laring of Man. one direction, while others, without a lovel, war young our un opposite one. Phese I tollowed and soon came to a start under which the and odes appeared. as the stone was a large one I could not turn il out. Coming from near the stone 3 noticed some black ants, about the em size as the others, each of which carned a companion, There followed one or two paces when they disup peared under a stone. This stone I was able to turn out, and some discovered that the had just commenced to more mlo-their new abode. I now turned my attention to the reddish brown auto and followed those which were earning the pupue, They followed an in equeur path for about 100 ft; where I found their under grown dwilling. after inspecting it will I began to de's milo- it with my Knipe and though I did not reach the perpar I brought out a great quantity of auto which began to bile. The auto that come out were both

black road. They were nevering about - pickmy each other up in their paws, but - 3 only saw the red ones handle the black mes in this way I should judge from all the evidence that the red ants were Slave meeters, & that I found them carrying home the pupul belonging to the black undo, which I saw conveying escer other lo pafe quartero. July 18: resiled, the nest of anto spoken of about, only saw one red ant, though the black over very numerous. July it. Pelicenus polyceralor abroad Pelicenus Mug 22. This day I watched a female Tremex malle part of its boaring in a beach but . It board about 1/10 in per memule I did not see her use her sheath for the purpose of putting the egg in the hoce of am therefore uncertain as to whether she was boaring when I first saw her or whether she was putting the egg already laid in flace Of Polistes hid away under bark or hadin Polistes

(mil.

I've ment

posto, the .. between the posto and the fence. They seem to have nothing to do The morgantois did not last long but I have never mount them to be any thicker mosquiloes. Seferior smail and very ford of sugar Sneul. Sept: 6 9 . alked - corres the Island la Lindlemmille today & caught many (21 31 France a land tortoise whose planting measured - To of an med in leangth + To in breadth - on the meadows near South beach. a small me indeed. nove I went with & neilson today to the north west corner of our Island De formed some new shells & queis "i hor 8 Mr Grole informed me yesterday Sum tru &s. Shal - our native Grun tre see very a food plan often tenanted by the larvae of Luna Poly Junes, Escropia, Insperiales and Regal 1881

Hyppe 4

Handward

Lan 19" Mer inde says that the genus Hyppa only differ from Hackena in the shape of the wings.

(i great

Jan 22 There was a great storm yesterdy The rain which feel fast during the early morning froze as soon as it struct a solid - bod,. The consequence was that the trees were covered with we about 1/3 to 1/2 in thick making them both britte & heavy, The winds then blegs a gale from the worth cast causing the bounder to Coracker off on every true. Beside our bour there is a large maple, some sixly ft his which has lost its top and most proming I to I makes in diameter. The crashing was beard on every side and the desting tion in forty grat. My lorand mother said that though she had lend for our 70 years, yet she had never seen a storm equal to this on fourt of

Grow

crows are unable to forocure food in the woods & a great number of them in one one can be seen on the in

Jan 31 de This writer being so server, the

1881 in the bay. They seem to agree with the gullo for loday I noticed some of each quile near on the same cake of in It looks very old indeed, to see the sly old com jumping our the ice +pulling here & there at things in the valir by han become quite brane los for loday when the boat went near to ... one a calle of me which rolled up and down with the warrs, he stayed just where he was having away at the vater. varm & without a cloud in the bearus. Febry 28 Then was considerable lightning today Lighting March 1st Though they lightning yesterday, lockey the ground is covered with mon Sumo March 13 I found some yellow pine Yellow fine trees today in the woods a species not common on the Island. I also Big chestrul resiled the big chesture tree & find by measurement that it is to fein déameter. I sant a vid wruged Red wriged black bird black burd:

Meh to On one of the pleasant sunny hills which we so often find in the woods Cerendela (C. Jupur ea.) I came on great numbers of Cocardelas pripura flyng about in the cedars. Vunersa antiopa is abroad Fernice en On placing the frog-spaun + britons collection today logether in un agreamm, the latter Tritons eating frags bawn began to swallow the eggs on short notice I -did not disturb them, however, and sufspose they are still enjoying temselves I rindescens was the animal in question. The frogs eggs were those of Runa sylvalien. Upset 10 - This has been a most beautiful relay, warm and . clear blue isky, so that the sun was not hid for an second, but continued to shim making man, brids and meeds, serve at the ordinary the same. - Camberwell beauties exported about the scarlet headed Phus the bugged by and the lazy locust basked in the leasent sembine. Tader snaker were Garter musico plentiful in some localities and it put there in my pocket, but only one nached home, the others having jot out on the way. I let the remaining one go. Graplia progne I took a specimens of Grapla progne.

1 april 1/ be fly we not visiting the catilina on the willow. This last cold writer, wice or some other mi malo have Killed many land mails I found under some dones about zo example. of His thy rides, two of He alternates and Helit a few of budentala, most of which had the epidermo complete showing that they had not been dead over a year. 13 moday May 8. I went to the n. w. part of the Island today with Charles Ling. The day was perfect, and all uslum was beautiful. Blues & Coppers abounded Blues & Cop pers me erry glade, while Thrusher, Cat brids, Thrushes Borg-sparrows and a host of others sounded. Cal birds their notes. The second second second and the second of the second a great many weeds were taken or serveral new butterflies. On and hill was found which was about 21/2 ft-Large auch the ni déameter + stort 1/2 fc high. Il pupa of a red eyed cicada was Cicada pupa: found under a stone. Black malles May iz Black - makes are mating now.

May 23 Cecropia moth an abroad. Cecropia May ret I planted 15 hills of musk melow yesterday rebesh to see how long it will lake their to come up, flower, nour musk mellows or become fit to eat. May 31 plants are up, ang 28, freshed two of the melons Sunday Maying i' autolived Cesarma Sesamas cinerce today, near Tollewille Decoration day may 31" Ernest multon & I went africed. He says he caro a "blue tuil" ligard on a log Blue tilled near the mill at Rechmond. When I came up at was gone & could not be found, though we both looked for il - turning was stone to Sunday June 5' he last home I went lo the woods, I found what I look to be the 17-year locust; q. Today upon going oul- I found them quite plentiful Red eyed while the pupe skins could be pecked Ci, accis up most any wine. All the specimens laken by met!) were make while my friend book nearly as many more of the sence sex. as many of them were wet, Just having exception

from the pupal this I have no doubt - that in a few days they will be more numerous It is well. to note that in 1877 they occured on this Island by the million, fences trees and bushes being brown with their cast skins while the whire of their flight and morrismons song could be heard on every develier. Red eyed cicadal Menday June is " ound the vid eyed harvers fly in the garden on the grape rine. Sunday June 1 - (lbout one love 3 Casada counted or cash frupal ellins of the runerse atalunti red-cyrd cecader. Farress as relatanta whaps there harnest flees belong to the species trickery of now Reley though the specimens I sent him was identifie as belonging to the 1-year broad, feel is in medicine little . That those taken it 1877. Dr. Holles. say's that - & I. was covered with Harvest flees in 1843 + 18les which would go to prove that there of 1877 belough to the 17-year broad. He also remembers regard the red eyed Harvest flue dung the intermediate years. If the individuals of the 17 year bood always appear simultaneously, I cannot be too the prome insects can be of that spices

1881 Dunais June 15 Saw Danais unduppers, a perfect. Specimen of Lines will a sobestion was taken. I have Linewiles lation but two specimens of this nisel on States & free 18 Sugaring is not good yet Lugarana . itny y .. io June 19 argymnis aybell abroad Contro June 22 Eacles imperiales abroad. It had justenne from the prepar fine nor. Grole good me an imperialio which. laid upwards of in eggs Sunday June 26. I went to the woods loday lat it rained hard. This is the time when but fur flowers & musels are to be seen. Insects larour un numerous. The hysoar June 30 Species of Telysea are abroad. on may 29 I bought some of the joints of Priettley pear the prickley pear home and gave their to my and who placed them on a shelf. One of them soon began to sprout & is now in flow, which is of a beautiful lemon color. Lylandis July 11 Xylenlis robiniae was taken loday 8, Sphank Caught a Sphint 5- maintala July 14 Philampelus pundora taken, first of the The lumpatus July 16 Elata oculatus seems to continue long for I found one in may (10) examother a few days Elala July 17 Osmoderna scabra is abroad as is Argymins idalia. I find on the red oak Buodenna argynino

X. robiniae many emply chrysalido of X robinear, a & opecanion of which was crowling up a tree just about the puper which projected from a hole in the tree. July 14 Upon minging my net about my head just now cample so specimens of that borried fly with much protty your gold reges, 3 black strpes on the back and a bound of the crame color across the middle of the wings. Vanissa autopa seen Larvae of asteria. have sa butterflie's full grown. Papilio July 24 Lylender also probably rarageo the Sweep or Spanish oas for I found today a cast skin of a pupa under a hole in one of these trees. July 28 Calsorouca scrulator i abroad Calosine Os carethero Aug 7 Ticauthus niveus abroad as a project aug 14. Poday is perfect as regards curstime, clear sty and the buy of animated nature. Papelio I have just taken Papilio luvino + I. ephestion, a tile I saw a seria on my wa Sesia to Fresh pore -Li mer i lio Temperature of Fresh poul (silver Lake) 80° F. Frak Sinel while the air is 84° 9.30 a.m. Spring reliated about 4 hundred fl. from pond in a westerly direction regres less 53 ° F.

Prentices ofring 5th of. seen full on it; other afring just mentioned in the shade. I risiled Chelsea & Bloomfield around which I looked for meets to belsea is a pretty lette place. I took armal fine butterflies one in particular being a black ranely of Turnes (Glasicus) showing indications of Papelio yellow in form of speckles over wings when black does not exist in normal form, It has a spot of yellow shaped I m each Levilia for wing . I. mischpus & S. alope ham S. alopen appeared. Argymus idalia & a cybele argy .. On the war from Chelsean their slands by the road side a large dead brie with serval thigh holders holes in its top branches. On looking up I saw in one of there, a & English sparrow Eng. sparrens which looked decidedly out of place The thermometer registered over 110 when struck in Frest Yell the sand near Bloom field. lug 21 I went to Pleasant plans Station lite, with B. Schwarm, & we walked out to the vicinely of Knischervelle. On the way home Swine Forth we had to make a raft on which to put our clothes & seven across fresh tall when Catacalo cara the bridge is broken down. Catocala cara is common in the woods at night.

7.5 188.1 These are pleasant days now though there is not enough ram, which causes my mellow plants to look suckly. Besides the want of water there is an one alundance of Square bugs which han done much learner, Kelling revoal Thing 31 I caught this enning Headena confederata Madeur confedente of agrolis & origrum for the first time this year. Philampelus achem Sphinx 5-maculala & D. Agrolis The lumpelus lineala an abroad. Sept 30 C. Lerrer abroad. C. terra It might be well to give here the time of about Attopline appearance of the night singing Orthophera as I now rescender them. First of all sings Chearthus with the pulse like sound - this is about July 10. Before this urect becomes very numbrous Conocephalus ensiger appears, and with it it it, continues for a short space of time entires to bustes & particularly jurdens, Before this begins to dee out about aug 25) appears a species of long legged Plush loplera of the Katie-did. about this time also occurs I hyll optera retireve. Sept-4 I found today two homed spiders. Spider The abdomen being decorated with 10 spines, right

of which are of considerable length Sept-11 Copins caroline can now be found On an elm I found two full grown caterfullan placed 4 consuler. of & - 4comus Sept 2: We Pay and I went to ANNIX the cliffs at Princes Bay, I think they went be over 3 oft - high in some places, having for the most part perpendicular sides. The land is fact was long away here is in front of two ced as that now stand near the bank, the old men of the neighborhood used to play ball in Sept-28 62.11. I notre many swallows flying southward, Their flight is unsteady us Swallow if they were catching musclo on the way, October 2nd . I went to they post n. J. with meser Bottom & Rudken. This part of the Jerrey coast is made up of send & silver pebbles about or yellowshe . Concretions containing much Quevens "Mud Mini in an common. There are some very peculia trues here; highwide between the willow of black of outs, or the wild lenden has its southering cong Lucian level about key port. The enckets here are very light in color, probably owing to the sandy character of the soil. Calosomer Od- & Calosoma serulator is still abroad

17 1881 Oct q It is often very amusing to see how animals are of the same mind about their ranous offairs, Today I was much pleased with the friendly way inwhich fire guse were dringing logether as they shood on the edge of a small puddle En ou has observed sparrous bathe logether, + crows visit the same field in company, but when you meet as drinking party of gease with their long weeks, and a quack after each gobble of water, you meel - something calculated to make you smile if not lough. Oct. 15 anomia tylina is abroad in (mome a grat munders. Odt. 16 Hyla piekenigie can now be reen Afyla pickeringi in great numbers in low ground. My com = parion, C. Buller found one pretty little fellow in the deserted hole of a carpenter he In each caught a Hemidachilum scutaling Houndachilesum and Puller book Exploreta claudia me Complorela the Clore valley. nor of I found me may turtle tub lodery a specimen of Scaphiopus holorother (This ear Hyatt 82 & Tompkins are now 82. Marks De) Scapliopus

norret. Of late I have found many forsels on the shore at new Brighton They all came from one large stone which belongs to me of the northern groups. devonian. One of enteres pelops (Ille cura, is 15 /2 m. long + almost - 4 m. at broads the : 2 at 1881 The weather is no warm that weather! water does not fruze when left-out of doors rat night. It has been so for several days, though before the ree would bear thewright of a man. Last - Sunday (a aplended day) I walked Waitled to Crooke's ORalong the above to Covot & Poul (and Kill) finding many interesting things. I picsual up what I judge to be three Kinds of · itina Albert Com nation ofpinges & a new sheet, Solecur. Soriou reaco carabaeus. The peats bedo past new Dogs lane an very extension, Below the bank 1 and the which exists in some places, where the peal reaches out into the water at les tide peut boulders' may be found. which I do not think over get - washed up on the shore above the bank on account of elo shape I their water south a concretion Peal ? The peal has about this dip

Wary of there "boulders" nor shaped very eurously. I noticed one in particular of a club shaped form Peal al Cross In some places these peal banks are eaten into by the sea, up which fishers the water rushes at low l'ite (al light mulis they are covered) with a roar! breaking off pieces of peal & rolling their about as I have described. Covery intenstring, then wo a great deal to be learned there. It is cound with and deoxis like the country about bolomfuld. The wax-borry is the highest-shreeb growing there. Cedars are numerous & serval poplars have been planted which seem to do well, and the beach plum abounds. (lugart 5 th 1882 aurora Then was on auroral last night which shot long fromto of electron light nearly to the genith - But the most remarkable thing saw was a cloud. This shape -It shanned the heavens like as rumbour crossing the milky-way at right angles in the genith . It's direction was from ENE to WHAT I wied a compars). The cloud had the appearance when looked at in sections, of a comet's bail. It afterwards broke up in brunsrers actions

Scopelosoma

Last night I caught a most which considered with Mr Grotes Scopelosoma
Monisonie. He was rathracted by the light mist the room and came fluttering against the glass. He is a bright specimen and looks as if it had just been halehed from the chrybalis.

The past few days have been most perfect ones of minstern and word a sing spurrow, and blue birds are codingly calling their pleasing note.

something which was entirely new to me, Oriv in the west the clouds were arranged about this shape:
were arranged about this shape:
We will this cetting own in the cuter beneat of there clouds had run bows on their Southern edges and has in particular were very noticeable.

In this could cloud which looked us much like a big prece of strathing was also a my old cloud which looked him so sure thing else, (as the others by a considerable spare, it became more promenent that it would have been of otherwise plane, it would have been of otherwise plane,

Buy sparrow

clouds & rain bow

Feb 212 1882 It has ramed all day, Swards night. Leftering there were vivid flashed of lightning and loud thunder which would have done endel to a hol Summer's evening uslead of a cold February day, See Upril 42 180. Sunday Febry 22 nd 1882 I went toumpany loday, but di'd not get much our account its being a Chifs mink cold. Jellow bends robrus & chip muets fillow birt were out. I also saw a little bord Hober ... (caling littles seeds) which sang as much was up in a high tree I could not see it very closely & do not Know what name to give it. March 4 - 1882 Maples The selow or white maple is me bloom and her not sester shows signs of activity, & Nelson rays that he saw a wasp flying about husp today, The first portion of this day was to the woods nettout our coal in warm and buling are, coveredo night howers, it your cold and storney, and about In the morning the birds were enjoying themselves to me unlimited extent. The robus were making a

great meket our their proceedings; while Crowo the crows, in a quel ralley whose the had things to themselves aremed to be latting over the nesting season, and non any noise about the generally silent business of choosing medio. I heard out in a swamp some. distance from where I was standing, the first notes that have greated my eur this Spring from the Hey 1. Strant. Callinge The Skrup Cablage now shoke up its shallie through the soft mould when it yours and yours forthe do the are the scents which mark its being, I found serveral suseels, and Pussalus A Passalus nuo common cos usual, we rotten wood. March 16" 1882 For the part serval days ithund the suon lay several ruches deep, so for there has been as nearly writer in march as there was in February, Sunday March 19/82 Trans a miles Many frogs and turles were out enjoying thinisatres; while blue birds robus and song sparrous were every where to be seen and heard, I also observed a brelle crawling

I commen

butterflow seem shorting themselves mean the highest would of the Island.

There are the first of the Island.

Butter suys he saw one of the Visindan some time ago East of the light would then in a pleasure title wind and some devolate title count with old wood slumps, & logs of would be very pleateful in such a locality dering Summer and late spring.

I would to Summerally Old Place & vicinity today, but I did not find wary much in the natural line of hund once beetles and a muchor of newoptera Abad mid day I ome a moth fly, but in catching is I had not no net, it was sported. It was a Fortist.

I would aprecimen hunting loday

with Butter. Before

I would to his house, and while I

was in the woods on the north side

of Frish pend it began to raine

I remembered a bollow hie in the

locality and began running about

to look it up; but did not find

it easely to the prident annesement of the people under sheller on the other side of the pond. They did not know what I could be doney in mining from our love to another in a wad sort of way. However, I erenterally done through some bushes und began to ent everers, In ubout roundes at cleared off are little and I saw some of the innely some down to the waters edge just opposede to where I was und inspect the bre who which I had disabepeared. They had a boal and as they were about to get in I left my abode and well after 73 utter : Today was warm , refuel hol. In caught a Y. Deakayie (little brown shake " me Brillow's mill found, and a " nobon snake" me one of the adjoining frances. The let the latter go howing as its skin was injured in catching though the make was not disabled. The also row some those fundo many criellet-forgs, and a Lumia. had crowded near the surface to our itself. Drugen flies were out three or four being our; while V. anteopa

"Little brown snake"

"Reblom wreake"

Cricket frogs

Graza files Vanessa

sported in this sum shows accompanied by a lazy dung-bulle or two ofthe genus Pettis. noloneda Il nolonica of less undo my hal und - L. Luia rule Buller's If we -Lyearna had had a nel many num miselo would have been captioned. cho a my wheating byed as it Froh ha flew moto the our will a seriam and - clashed - melo the water. The willow and alder cathing are fully Cat Kins out and the former are now bring visited by flux. No Heepalicas would be found in bloom. Hapaliers it Hunderel and rund again so I got into another on my way home, where I was obliged to alay some I write to the fields Trovodo again loday, but it was cold and rempleasant. I paid Jule a number of the little ord spiders, which one so common in Struw-berry bedo sometimes of close france lunge the lander a slow 7-1 -1. 1. al Late ! I have put me in alcohol! In a small tre white I broke open over immbers of a large opines of lernile with rudimentary wings Timile and, among which was a specimen

The willow ealthing we wow fully Surfrage Calillins open Though gesterday wasn't pleasant today is still worse for the ground this Snew morning is covered with snow, and only here and there on the yours can the dead weed stems be seen abore the while field. Sunday Uponl/6 2/842 Al lust it is worm enough for insuls to come out in plentiful Cetimina numbers C. mela; V. antespa 7 Toublus our now be seen flying Vancesa 9 Grafola iboul; I noticed also a runder of chrimmono of flux about a recently cut birth stimp, Callage tretter fles an also ubroad, I raid I climed up a high tree with rough or granulated bark, and got some beautiful cost Kins of un maroon color in the spring beauty is now Spring Lower .

Last night there was brilliant. aurora. I did not me d- as I want to bed carly Sunday april 23/82 I welling with my old price H. a Wheeler today, among a number of Lycama Lucias which I cough is one in which the spots on the under sourface of the seconding are run bogether forming an irregular blackwark Crows have now laid tur eggs, me got some blood rook flowers in the valley which bears that name. northern hemisphere.

CARMINE, BLUE AND WHITE.

POUGHKEEPSIE, N. Y., April 16.—There was a splendid display of aurora berealls to-night. The shaffs run from the northern horizon to the senith, and were in colors of carmine, blue and white. At midnight waves of light bentred at the zonith, advancing and receding fore-several minutes. leport 29 = 1882 The cherry has now a few while blosoms, and and the willows are Sunday april 30 the Ruchmond ralley was the field of brank loday, I went with n. L. Britim, Minny butterflus were abroad Hoesperium and Lycaemadae being in mumbers, Theila augusta was lakin (thre openimon) V. Hennelera is also flying about. Swallow were

Ayer in

Comes laid their

Cherry bissons

Willow were your

Pherla Carret

Pyramis hunters.

Sunday May 7"- 1882 I would to Watchoque lodey with Chas Buller. Before starting for that place however we day out a Thing fishers nest which contained three Times festives eggs eggs. The nest- was about fire fl. from the mouth and was quite a dig; but the sand was love and after the labor of half and we got the eggs (surpr 80). If we had left - the west undicturbed longer the old bird would have undoubly laid sem Orchard orwole or more eggs, as these were my free, an orchard on de was seen near Lyenne Bull's Head & Lucia is becoming less common that it was a week ago, and the specimens taken Theele origueties were weather bealing. That sherquestus Tupo caughe al Wateroque, P. while a stray C. atalanta might be seen now and there in company with his true long relation V. antiopa was obserred which looked coursel mon hower, than thistle furches but the beauty of the scene was brown thrush is origing, and the fisher cut - bird wags his tall as he did last full when I saw him lust. I should also state that B. look P. compular fivlering for Sur Bufo sources for

a " June Buy" just flew in the mindow . a species of Phryganidace June Bug " and a moth have paid a visit to the councide bothe. It owned all day, The pear and Pear in kearf some other trees are out in leaf, the nature true knowner; are not so forward. Sunday May 212 /882 is party consisting of Muses Budhing Whither Heallest Brillian Wheeler and I went to Kreischervelle today, Beseides having a very good time we found many militaring things The Botanists found sensal plants new to the Bland, while I caught a few interesting museclo. The found a beech the of a very peculiar growth, he call it down with a geological hammer and a big jack. Knife and intend putting it in the room of the n. S. a. It was carried by us in humo, through woods in some places, for about four mules to W. Mursereau's home This drawing represents the tree as I nomember it They and formormed il to be one of the worst reprearily ble growths ever seen by my of.

dispute as to whether the travel had grow up or down. water another. I put my hand in Water bruke the water, anybe the smake and throw it repor the bank when it was quickly secured and put an a bag, which I had along pavaiting such a use, Though 9 did it quietly, yet - the snake formed time to bete believed to and the nsull was a hole in my fuger. It did not amount to much, however, and - as I have had them do that oor of thing before I have got - some what used to We also visited the mare beds, which an my curious, In one place some one - had sheek a - crow -bar rulo the clay and with fram it, Through this hole this left a little stream of water issued making a little mound with minute streams dawn the sides It looked something - Like the drawing her made. It was about 1/2 ft in diameter. Sunday May 284 1882 Found a. subreunda 2 +8, also another Bomby cid of which I do not throw the name. Also caught livo crows, The nest was

Cap him

in a buck bree and Arthur chined up and put his hand in the nest lating hold of one of the crows when the other but the opportunity but the other went the opportunity and be found who looked for a submino 2. asterias 2. The man own sum, Lyanena and make this esteption of more sum, Lyanena and with this esteption of more repeated was caught in the interpretable of more places are also flower about in office of soul in office places

rarialies of the pink and burds food riotels - they were pure white.

I have been to the words may lines of late , twice during the week and last - Sunday . Me then 4th I did not out for when it began to out hard, so I came home. I got plentiful on the shore at Camp plentiful on the shore at Camp transfer in request, on one of the trinks during the week, I found.

Populio philenor

Libellula

Ear - wigh

June 15-1882. Saturnia to halched from cocon, 6. Saturnia Partherios mubiles laken at sugar Parthenos Ceralomia June 19 Ceratornia quadricornes letten an elm Papillo lumus & P. asterias in considerable numbers Papilio a most beautiful Di genian flew to the light in aleginan the window this enning, It is Organia acemi Calosoma Calorona calidum has been more folialiful Mase for several years past. Combet June 20 Combex while abroad Phyrous albother Phyrous latter flying about the grape. June 23 Ceralonia quadricorries halched from Ceratomia chrysales June 26 Callosamia promethia out sew ord Callesamia Rhyssa abrila has appeared. Rhyssar June 28 Eacles imperialis halehed from perper Eurles Sphinx June 30 Sphinx 5-maculata caught flying about July 3 Many dragon flies of Grapla forogne laken, 4 pla also argynnis cybele. Papilio troiles plentifue Papilio. July 9 Coynthia lamia le huntera + V. alaland Cognitiva seen traversa antispa abroad. Panes a Thymus July 10 Larvae of Thy reus abbottic (full grown) formed today. On the 4" I found the egys of the golden error thrush Golden erren Utimoling Aryymus July 16 argymis idalia abroad. Neonympa cauthus Meony wpher July 19 Heard Cicada formous a fowday's part, Coie ada the first of the reason. Hoose please July 25 Homoplera Vladocala han appeared at sugar Catorala argymis any yours Idealia, cybele of J. Lavinia abroad on the 2 sol

1/3/287-Conocephalus July 16 Conocephalus ensiger find of the season July 18 Dancis interferes abroad. Duneiro July 20 lines to of bestier, I musippus temport Limeni (Es neony wpho conthus to imone la mia abrond. guna 'a Ang is total retire or land to the later of the land of the the trans retire one Play phyllium Papilie "My Clof lera Play play them omeaning Thomas of lara curricanda. (ling so Put to anspherenter acen as more ? tricker Papelio v P. Lune. C'onda a great numbers. Caenda Sept & Caryle Populie cresphontes. Pap lio Sefe to " in soldier laken on shore at Prens protoduce camps trustington of The first specimens 3 have captered Oct-21 Junoma lamia out. Bombus clinging i ... a see a to branches in toopid date I specimen. 13, 16110 Verpa cabro yet flyng 1 espec It collection of the common Colorado potato beelle, which I made this year for the purpose of seeing the variations occurring among them, show them more numerous than I had at first supposed . Out of certal hundred I selected 10 in each of which the apolo on the thorax & head differ from the others, This beetle, I think may be latter as a fair average in point of conformity to a general lype.

Platy phullum

Papelio Ceolias Acrydum

Depleme

Hemiplina

VISITING SCIENTISTS.

Horny Me New. Deany lot. Prominent Geologists on a Collecting

Prominent Geologius on a Collectius Four in Colorado.

Prof. N. L. Britten and W. C. Davis, of a special strikeying party who have been collecting fossis specimens in various parts of the new west for a geological museum, arrived in Denvier yesterday and registered at the St. James. Prof. Britton is acting as ad to the government geological survey, and Mr. Davis and others nave been acting as ad to the government geological survey, and Mr. Davis and others nave been acting as not important to the second of the second parts of the parts o

Jaranie rangeanow many me specimens of fussil plants. The collections made by the party show that in former times this whole western country was covered with vast forests of trees, allied to those of the present day but of different species. These forest rivalled in extent and grandeur anything known in the present age. These forest leaves and ferns are found, for the most part, in shales and sandstones accompanying coal beds.

The coal of the Rocky mountains is composed in a larce degree of the debris of these ancient forests. The collections thus far made by the party have been confined to rocks of the tertiary age, but similar tossils exist in the rocks of the preceding geological epoch—the cretaceous. These fossils of the cretaceous period are found in the sandstones of the Dakota group—so called, of Kanass and Nebrasika. These cretaceous piants are of great geological interest, as they indicate the first appearance of the flora which now covers the earth's surface. Prof. Britton showed to The News reverted the surface of leaves, ferns and the bodies of small houses of the present of leaves, ferns and the bodies of small houses and the sands hardened into good sized pebbles. These leaves belonged to small oaks and other trees of a species closely allied to the pine. The leaves are found in a very perfect state. The Floresant fossils as ocahibit leaves of seasefars, walnut, button wood, and indeed the seasefars, walnut, button wood, and haden the sands hardened to the sease as a rapidly as made to Dr. J. S. Newbury, professor of the present day. The collections are sent as rapidly as made to Dr. J. S. Newbury, professor of

linder trees similar to species of the present day. The collections are sent as rapidly as made to Dr. J. S. Newbury, professor of geology in Calumbia college, N. Y. and well known in the Westas a mining expert. They will be sent to him for description and classification and then forwarded to the National Museum at Washington, D. C. Prof. Betiton and his men have now been at work a month. They will not be able to extinct the coal regions near Trinidad, as they complete their labors by the fifteenth of the present mouth. Another member of the same party has been engaged in fossil hunting on the upper branch of the Mis-

hunting on the upper branch of the Missouri river.

Time in which various usedo should no signs of life when ful in the same Cyanide bottle. 1 specimen Vinelyans about 1:5 2 " Bombus Sp- 8" 15 " 1 . Carpenter bee. 18 " 1 " Curreof hila Sp - " 30 " 1 munule M. Charos 45 seconds · rapac 45- " L'ephestion 3 3 " 10 11 V. antiopa M. domestica 2 5 11 i. ridis 1 1/2 minute O. vulgans C. dissemelis 1 Speciales " 2 minutes It here ments made since the above have consider

me that its is not a will marked freet the certain musecho belonging to the higher orders will die when exposed to the effects of Cyanide before those not so highly organize

Salurday, Ool 11st 1882. I rambled today. Halin is certainly my beautiful at this nearen enry slep longing to new sime new object for admiration I emight a leaguesed make it some musels. The of the drugor flies captioned was depositing it's Druger fly aggs when observed & at me Time was entirely under water, (auchna) [This in Close Valley, in a spring] lagning eggs hor 1e' The chest unto laid in considerable mules on the ground lodg. Their abundance was caused by fourious days of und Fram Sualles Serval mades were abroad in the seem, in the warn nooks. Com deal My poor en Topay " died Today of some lung nov 14 I have been out in the meadows serval times of late, rifact whenen I the weather was good, for we have beed much run I cloudy skies once I came home for the west. Or Election Day (7th) with some friends I would to South Beach to look for natural objects. I found anomia globra. perfect that is having the two values jums logether , They are not commonly found so in Toredo are Station Is show, Teredo waralis et structur to also the egg cases of Pyrula, interested redended us. he coming have we struck across the sult weadons which were very wit after 20 minutes pain. The energuence was that we had much

ansurement & emsiderable and good feel; however, we all enjoyed it and that - was enough. There was one place in particular when the "road" crosses a very bad paten to meader - wet at all times but at this furticular period in a homible condition after thining down some hay which we trought from a distance & lovo voder brundus (all logether peaching about half way across) we started, out - quithout exception went in up to our auther in much tradir. While varieties of Colias philodice now. nor 30 Rocalino enung at 10 P.M. auswing one another. I have wade during the past week 58 mich loxe at a cost of about 4.00 I paid 3.90 for the lumber, which was plained & grand us I wanted it. all that - is wanting now is about 116 panes of glass, which I noise governor the bolidays. Dec 23- 9 got my glass for 7.00 (7 & a Citate), & have arranged a large portion of my useds. I look the butter flies to the hatural Science association, because I thought that they would be useful then I if either portion of my collection should him I will been the remainder to console me. O! compensation, I have also increased the rise

Colias

Insect Gixes.

Christmas 1882. To the South Beach. Helix White we for aspersa in the steen, probably from bullasi. Also Thippu talpoida. Thursday Dec 28. It was so warm today that I sat on a rail fence, near Bard an, in the sun for oven an hour, having nothing better to do, When I came home I wrote the following Ques lo lines about S. N. H. They say that he is growing old, That her hair is grizzly gray; They say he down in posts & stones, and that he cuts our woods away. Off wdeed han I noticed When passing v'er senae desolati grown d-The old black weathered strongs of trees, Which they say that he cut down. Oft indeed han I noticed Treat fields when naught was seens, Sun here and there a bramble Which was not - own green. Me thinks be called it "improvement", But I'm not sure what he said, For the man who was my informant Thad sunly lost his head.

The talked some gibberish nonsense. about building lots so fine, When bourstoning by thirty best bould sland all in a line.

He gloried in the above of All but natures ground He gloried in the distant scene. That wan had spread around

I men of the letter sert and asked if the could cay, "Why all the's ruin was wrought."

Oh me " - said he

as his looks were east wound

"Tis an agents work I am told

And he's done the revers brown

The wise, they will not own in "For nature's charms have fled - "Who would live where the grass is brown and the tree that were, are dead."

They say that he is grizzlen gray That his heir is grizzlen gray O! shepherd of the peaceful fold.
Do take this lamb away:

Dec 29 To South Beach. Thre won specimen Helex aspena of the Eng. Smail Helix asperser, one of where has a membrane stritched werers it's mouth but I this in amount must be dead as there is a small hole in the shell. 1883-1883 Jan 4. Of late & Sawyer Turyself han been hunting Cearopia evenus logether. On newyeurs Coropia day went to the upper part of N.y. Island , and got mary 300 evenous most, Cerropia Jan 15 Went to the n.y. Produce by, as close Han 24 about this line of the year the edible Edite erab crubs is plentiful on the South Beach, case up by the wars. Tely 25 The song sparred has been singing for Surg open some time mont blue linds can be heard. med the (Sunday) Some free de formal holder in the fields went the Billy have lidey. The persimmens are fine Persuinnes tell, Iver got a number off of two trees. Sunday Met 11. I went alive to Smith Beach Within a yard of the water near the month of new Creek, I found a small Sall-water (7 mi long) Salt water terraspin (M. palustris) It remed to han just come out of wenter terrapur. quarters I was in consequence not very active in ils legs.

Some varieties of the common edible muruel und some erats made up the rest of my days collection. Sunday, Mel 18. In the Close talley, Trapla maple prog progre; two specimens. Bullis, spiders & fluis also out in numbers your, aunt Vanessa. say's she saw Vanessa antiopa Whi. there warm & pleasant days. I have exclosive some sea weeds in the shore or late must do nee how I could Impan them. They trined out fourt, we I an certainly very fraily. Li thoop leave Metig , Lithophane unimeda) Ho curren Med 23 The Sall- Ivaler Terrapin , which of found on the 1.1 " was frozen solid today in the ressel when I had placed tein, an tolling him out of the ice he word his legs & a lettle wanth would now have caused him to walk off. Sunday, Meh 25. To Bull's head locality. antispa Panersa autiopa tuther flies. The skunk callage is up Turkers allund callage. fish though are all alroad I the red-unged black black lind . . had has appeared. Mel 30 It surved last might, Ithis worming, my hard. It is now (enning) about to in. deep, but the weather loves better for the Calosome Caloma hiloxi caught april 1. Win cone

april 8. Smothed a gray squimb me of an young aguired hollow line. a new moon towight. While the lower portion (black in the bis.) was trightly colonal, the Moon rest was also plainly visible. Sunday, april 15. At last the lette blue Lyouener butterflies han come. I eaught me loday on the hell buck of the mill find. Colonia Cetaria unda abroad also the purple Tiger Cirindela. butte. Liver leaf in bloom last Sunday & 16 patien Suxe frage. loday I saw the fine Sexifrage in flower april 18. The following was written to the alluel of a horse, found in the woods reca Mr. Julle Close Road. addressed to the stull of a Horse. The rueadons are green again and the along time days an her. But to thee the tender cloud Can never mon be dear, I rure shull so while and evid, Lai'd finner dead , The mould of earth that sun thee birth legam shall claim this head. The rice of the learns les is loud, and the supp of his whip is clear, But to the his mee is deemb and his whije can long no feer.

from skull so while I cold Taid form dead; no thoughto again of pleasure or pain Can loss this resting head Then was not much for the In this world that their should mount, There is not much for the how that there art gove. Trun aluel so white and estal Land finner dead, Who can say of the destined way When the spirito light has fled, Sunday, april 22. Indian implements, in the field about the Billopp house . Fund Indian implements a large relumny axe & the handle of a pestle Trailing arbitus is bloom. It rained Tracking all day so I was wet to the skin, arbulus One of the large ceders near the Bellopp house measurers 5ft-4/2 in in circumfern Large tree-May 6 Maclos augustistus testes Tuesday May 8. In isunday I went is Bleaming Chelman to . The so and consider is now in flow P. ropae & the little blue butterf y. ropus ure cut in munters. Lyenera a Mr Merrill, who lives at mulchoque, has many Indian implements collected on his furn by the Kill. I saw their Sunday . He unto por has a particularly large axe & also a

number of boad little objects. I They are in shape like the figure. Rolling there it wests each with there 1916. Hermany back writing the blumers of a therey tree. Humany led The left will by my head was swellen in Sunday I I did not feel at all will. I mispected I might have the Harris par mumps today I can say I have their : without - any double . Prollowing May 11. The free trees in the garden look poils, now, they are out in bloom. The mumps steel 110 of me hound May 20, (Sunday). Indian implements at melian in dem Totter ille at the Billopp house. Het millers arrow heads me The of prome along the high bluff near the Belopp lines I observed last year, or the year before, sense Lighther heles which then thought might be west made by sound swallows. I remembered the fact loday Frend losting for them, and was hounded by friding are into which ? stuck my stick when out came a lang peoplet. Laccordingly look careful branings I dag down on The nest which I had. located quele cornelly. It contained some bones of fishe & sever frish eggs. High holders han laid their off

Triday may 15. a boy on the Victory at They, will a lower duck of a bradle . He duck because trubleseme in its strugter to Much Y noquin do the dy so the try laid brudle try of duck on the walk of commenced to ties the latters legs fogether. The lind finall, sun up in de pair Hay perfectly quiet letting itself be led without a nign of a strugla. It is only these who persistantly fight for their rights that are finally victorious. Brudery, Henry . Found the hartle Cinos tenum pennoflunicum at 1stomfield near the (in ole mum well meadons. Then an some fine woods I Sumps near Watchsque (Blomfield) they are nece a tangle that they hardly seem to belong to b. I. I would in water sometimes a foot & a holf deep, then to a throll caused by some large true growing up in the water, when I could get a better mend through the trees June 10, Tumus, troilus, asterias & phileror Butterflies butterflies alward. Catispillar of Vanerra Unterpa in willow now June 17 (Sunday) Gret frested fly catchers Great cristial nest in Close rally. also Phaelon butterfly fl, eatched plentiful in Clar vally . Cogymis cybell Mr. Phaelin (12 ymis cybile June 20. Touch singing this P. M. Captum served wells over a small purch at the bead of Bard an. Juile black on in-

throat at this reason, About half frast ten I started home along Cartleton and thisting of the west lands is that I had seen, when suddent, a gruff voice demanded where I was song, I for me. to hard up. I slopped to look al my warester; it was all done quience & I felt myself growing cold, Up in top of the wall key a man resting his tread on one are his took, slining plant, against The sky, He got off of the wall I was coming lovered me when he caught his foot in smetting (for the ground is come here with much lives, black berry tusties is) I hall. This was my chance so ? ran away as fast as I eviled, but he did not poller me. June 24. Lately I have been looking lovered erining in the limites of trees in the words for wieds There had very good success. Chapmales I found besides many small moth three specimens of C. Infinalis. LOTO June 30 Coopies Carolina lind about fifteen minutes in the examide tolli-Endances used today. I captured a new. builtifly Lycidas. for the bland, Endances Greidas. Cinght Copyrines Idaly it in Close Valley. Copyrins Idalia Va. ", Eybel Cytale about, also a Myma Va. Heima

1883 ful to South Beach today. Ciemalla dorsalis commen. Mathersa bella commen l'irradila Morsali at Test mudsworth. Mollerin July 5 Beliven 50 7 too specimen. of Vanessa antiopa halched yesterday, They /none in write rulo the chrysalis state within a fre hours of each amoller of the 1, observed the same medition in hatching. July 17. I found mean the edge of tally the root of the gellow like that some had drug ashere feel long on places 5 to 6 inches in diameter. It looked switty like the figure I have made. July 21. I find (as I lean before world) that the "button bush bush" is the place to cutch better flies. Without my exageration I saw our me hundred Bullow ball of the butterflies to be found at this season flying about a small clumps of there bushes. Junus, Cybile, Glancus Circheppus, Huntera, Lannia Vilynus win among the larger ones, while alippero" ulmuded.

In the Close bally I captured Chauliodes 6. in lodes bectivicemis in a spiders web, or ruther the spider captured it To fired it then

If late I han had good success sugar, Exelus odera for moth huning captured Exelus odora in this way. The odd Newtop terous insect, ascalaphus ascalaphus trimaculaties flow to my

Sunday (mag 5-83. Found a land tentles

Land to linear Kriesche rulle, with a hole in the side I all the loves Afterthe cleaned out

> It had evidently wel with a violent death at the claus of some animal or perhaps Ille bill of a com. It was about a third

l'ien's known Limenita grown Piens protoitece & Limenitis

Homan's Aug 11. (Fruste bacation day) Hernan's thyu Thyste plentiful about thiste tops. argums Idalia & a. Cybele Still lo be reen, but

Butterflies oders rapidly fading, Danais archippus ni all its stages now.

ang 12. The hazel mulo are well on non Hazel nuto I look as if they would be ripe in three weeks. They are undeed beautiful things Song sparme at This season.

Sparrow (Dong) setting in willen 2888.

lingues! 16. This has been an exceptional. Summer so few, so it is the remember of The season all that they do not remember a more pleasunt one. There has been plenty of rain, most of the days han been tool I the mosquitoes han inc been as plentifue as usual. Nearly observed men an the bout with their Strong our couls wither in their arms or backs Orchelimmen, Kaly-did, Occanition 4-Cornesphalus ensiger stridulation, any 25. I bried to follow brunter been to 7 mulu their nests lider by lying strings to their legs Voten running after them, but as the experiments were made in the gurden the beas quickly got our the neighborning I gave their rugar before lying on the storing. ing the in commercial Sanger Cuti, hellur I found many calerpullar ; are Luna, tu he advicornes, fire Poly phenius, three Imperialis & luo Sept 4. It was so cold this morning that I amed me bruite Colec Septe Tramen Carolina flying framea Sunday Sept 23 od. I went to Richmond talley today to see from Page who

has receilly returned from the ware , Wer walked along the stion of on the bliff I afterment by the Light House as we usually do. Me found some from the level cupling for me a walking stick wisel. He had it alive under a fly trap. It was a mule. his is but the Third me that I have now from the blond for they do not seem to enjoy the vicinity of the salt water. Sept 29. (Salunday) With mother, rister I and to Pottenville. The usual runder lyrgus of Indian me plements in field near hessellata Bellofifs house I a new thesperian for the Island withe lane. 6. Regalis. Sunday Sept-30. 6. Regalis calirfullar on sweet Shad frogs. Sum. Shed frogs in vicinity of watchogue. Sunday, Oct. 28. 1883. . Theo of the rives Betula vigue livele (B. rigra) at Bull's head, near the pund Oct 30. I have been working every might for the part hifteen is lively days at the unecto which I empleined last burner I have got their will the exception of the broken in very Carina. good order I have a row of Catocalus your (C. neogama) that - shear great rarion if they all belong to the same years nov. 2 med I registered today my find: experiences; intend voting the Republican his

It is only I think by collecting objects to observing nature my sharply that we our from the time rection of how things vary, not only spaces, but seasons and times. Bunday, 11114. Many butterflies dragen plies Vocettes abroad. It was a perfect dery warm I pleasant, I I do not winder that the useds were tempted otel of their hiding places under the leans I stones. In one place wear a stime of about three miches muder ground I found a toud, that had en'denty laid luiself up for the winter. Bunder, nov 11. Littisphane Berthum in Blood Those vall . 879. nov 15 The moon was surrounded by a pain bent to wight, sometimes there being solve an outler one as well. The moon was at als feel. Sunday, nov 18. To Tottenville Indian implements in the fields by the Billopp house; they always supply the demand. nov 25. Grans leoppers are still to be seen som ming themselves on the bottom bounds of the forces & other useds an also alroad. a day is so ago it was so warm that we had no peris in the house , except in the Kitchen for 48 hours, though previous to that it had been quite odd and a little sums have fallen but melled. as soon as it reached the

Toud

30

ground. 1883 Thanks giving day, now 29. The streets of the rays Miet I found on South beach today seine quite small when compared to the dimensions of the Tradusday, Dec 26. The sund lies this morning over 20 in deep. There was a light fall last might of very wet ound, & this morning the trees are beautiful. 1884 -1884-Sunday, Dec 9 " 3 was med a pleasant day that I wrote the following to the sun stime 9 the memory that it leans. The glarious sem was setting In the far and distant west, and the clouds all golden lader Seem suiting down to rest & The night is stealing onward. The day is downed to die -Sadly mound the pine tree and darnly the shadows lie. The day was me of glory , and Rid the sun did brightly dune and To heart in all the wile wood -Has been so glad as menes.

I want - when funcy led me, For Juncy is broad I wild; I slayed when beauty Kapt me For beauty is noft & mild. Pout the glorious am is nothing and the day is no longer mine; Could - I but him the hour-slass and hold the sands of time. Sunday, Jan 13, A. C. Wey & I well to South Brack lottery, going as fas as the three elms near the new Drop light house. Surriving elms of the Elm Tree light". Though a very wice day it was eith in the ston my old glos having got well the last line I was in the best, I was amable for get them on. I find quite a mules of very good specimens, a-Helix Helix probably from England, brought in Macha bulland (not 14. aspena). Macha solidersing queli curiously defenued the shell being bent much out of shape & the bransverse diameters of the valors quite unequal When we got to the cedar bees we made a fin in a convenient hole or because quele warms. W. leve une his militers I never experienced any

thing so pleasant in the way of warning up my bands, for I had no more than had them in their my fingers because. quite natural & of ended princip dupo excell grees for our few with great end I afterward got my steves warm so that I wild get them in. Coming have I found a little lobster, Tellina some specimens of Tellina Jusea, one of a builtful puis celer, levides as having a construction of sheets, pieces of certle year. in noticed are of those brailiful red. removed 5 which are the remark of every one now-u-days: Jan 1 84 Much we in the bay now. It is interesting to see what forms it will take Lee in gonneed of course by the tide. Today the boy. there was a ribbon like band, that appeared to be about 100 for wide that Alended so far us geneld see deun the buy. in our probably 8 or 10 miles long true crothed govern Rich. Jan 23 On Sunday a light dry aren fell I'l took one quart which I welly for the purpose of seeing lead much water it contained, I got I liquid

February 12 (Sunday) It was very pleasants
quant on awat was almost under today, Some intensting concretions in the steen near Pollunille. I found are covered our, as is usual with them in this locality, with a layer of view permeated in this care trother off. Upon cracking the Concretions. specimen I found the interior to be gray I large exuests running in vanous directions, the sides of which were rough as if count with black send paper. Since of there concretions Bloads when broken, prittag dasse I light extend rings about a central con (1/4) as usual_, Indian. I'my fields near Bellopp Itmse. Song spaced. Fely 20". For the past-renne days I have , Me land heard the rong sparrow & yellow lind. mus hatel . Bushington's Brille day, Tely 22. While belled week illew rumped hatch & yeller rumped warblers. malis beelles under the ice, Alm people call fowls or other unimals I do not their they really them how Often they by to mitale some particular note or call of the species attracting their allention, Listering to a man today a hen eachling.

Tely 14. Serval days ago I seem what need Deal have been a real, from the deed of the boat. after every the boat a short time the animal done I I saw it no men. norther dins Today I saw a Great northern direr in the bay. On relineary the Eg the lide was so Low lide how, that the broomlyn bouts Allion running to Station Blance were unable to get all the I way me their sleps and were obliged to land their parsengers on the end of the piers. This is The lowerst tide I have seen. The Teams were carried up odown the bay because they could not get off of the bouts. Tuesday Mich 4 "84. I saw a real sitting on a care of ice in the Bay this morning, laren in the sur. It was said that their was a second one, which I did not see. about-Timere Jo. there is a great deal of ice. at certain lides, which mades the surming look quite aretic Thrity. In some places the ice is hiled come upon cases so that it is quite high out of the water, Tuesday, Meh 11. On Sunday then was considerate Laid ming & lightning thunder. there is . Funday Melette. Some galls from the white out

I do not see any flies about the Cardinal Grestease. the first Hyla pictury Tayla Red unged blue which I red-unged black-book. Sunday, Men 23. at Hotoken n.g. in the footother. borders of the low marshy flats then are a yreal many butter to be found at this time of the year. The ground is covered Smalle. with stones from the stepp adjuning held I towalles abound, served of which I seew. One Wille brown make I had in my proven for a long line. The squatters build timeses in there number & get to their by rueurs of a bridge or elevated. walk on piles. They may be called Hobotim lulle duellers. (M Baturday I saw served geometrid moth about the lamp post in the street, one of which I caught. Meh 30 - (Sunday) To South Beach It was so windy that the sand was lifted off of the beach Icame flying against the face so there it did not do to turn your Ogeo su the direction from whence it came Then through the wit weadons to the Dalamanies. amblysland ceplands. Um blystima functalum + D. Diemyety lus The assure couldge is up.

1884 nesday, april 12 as the ferry bout left Como Whilihall St. today at 5 PM. I noticed a em flying in girmers Do. The burt had evidently come from up the base Rever. It followed along in about the same course as the bout of at about the same speed, Heaping high up in the wir, Tinally when it got serval miles down the boy it flew over the bout to n. J. or the reorth stone · Of - Friday, May 16, 1884. It is a long time muce I have untten my thing in this poremal and it is a long time since I have give our my pacred spots in fields and words. On . Saturday, april 5th I came home, after ? had finished my work, not feeling well. as I grew wome I finally went to bed and it has only been for the last - 3 or 4 day's that I have been able to learn it; Today I went down stairs for the first time and got this journal. I should have stated above that my ailment was remittent ferry did not suffer much, but grow very Then and lost all my stringth and am still my miserable. When I went to bed a snow equall might han been looted, for any day, and when got out the leans were in the lines. The blue brillerfli.

une gove. Butwistery, May 1) Sawyer mult a vooster in the road near mulchoque I posting Surger & the trial with a stier, so enraged it The router that the cook specied live in The fact through steer rall. This little lie I be the coursed four foot to suite so that he was unable to walk for Dennal days. Sunday May 18 18. This day was so warm that I went out of doors for the wint-time since me illness. It is indeed a pleasant Thing to set in the sun stine & especial when one has been in the house for so long a time. manisday, May 21. I went down the village today for the fine time & find I can will my will. Then reem to be a goodly number of linds in the junder this year, is a pair of retrus leat-bird I cat lords han taken up their quarters & fire as usual. Sunday, may 25. Owing to the circulation not being perfectly established in the capitanes Empretia the backs of my hands her here me much marting stearply. This very often Citheronia follows a ferry, I am told. Empretia stimulea & Citheroria Regulio cume from their chrysacido a few days back.

Tuesday, May 27 I do not ninfrom in health as fast us I had hoped - not as paset, I think as when I was ell before Dill I am getting on thope to go to 11. 4 cely in the 2 nd of June (menday) I saw a "June bug" (or may be we might cast it a May beette at the present ting frue bug with an and fast of me of its hand legs. "I was endently doomed to die by that and and it's companions. In 1882 I brought have from Tothewelle some must-, which I found growing in a brook. France mother planted il near the stone wall on the north Front much side of the house, some sex meles from the stones. I now notice that the blands ten for moisture has latter el close to the well so their the stuens come up, in most cases, as near the way as they possibly ear. Daturday, may 31-1884 I am getting on now bretty well towards recovery; but - then is a pain ni my buest just about when ny left Ridne, is. I do not than while it is a oprain or whether the Hidney is affected. It is getting better, however, so ? It has been my cold lately;

I ant.

up the Hudson many plants having suffered from the frost. In northern Hero Jerry ice formed an inch thick. Sunday . June 1st So cold that we have our human fin going. Sowmany of the our wigs that occur under stones re on our show this afternoon. I observed me running up the beach from the vising tide. Us a rule they do not dow themselve. Sunday, June 15 Paniphila Labelen out-P. Zutular U. Lune with which hat ched from the Ohrysulis tostan de reloped its wings in an intersting wanner, The left pair Developement were one about 1/2 the rege there right of Luna noth. side, when the latter had apparently. attamied their full dimensions. This is the reason to gather the large galls, such as C. sporgifica de. Sunday, June 21 nd On Friday I caught - a A houmaplem made specimen of Pheumaptera hastala in the office I when I'm home I found they had taken a female opecimen. This much according to the synopses of the family is nien Commen north word . I have never new a lining specimen before this year.

Sunday, June 29. On a tre near legans opining their were six outs, the mother Grown into Their level Beside into met a firman intomotogist, who eneld not speak any English, so we latteest forman & got in after a fashing except when I broke down. ! mpinalis I fund an Imperialis crawling up a moth. bree, I having just emerged from the Chrysalis It is inquestionable that went of Chip mins y with some Kind is necessary to Equirals. Poday I saw a : chipmunk eaten a moth, hull off it's unigs I eat it. Friday, July 4-1884. To Princes Bay, It ramed much of the time. On a piece of drift wood d'élens a Pengicom I under a dog-fish sometbesters hidi un I found in a field near the Billopps house about fifteen Indians implements; un plements mostly net sinkers. Frattite foot closer. The rubble foot closer is in bloom. Sunday . July 6 . W - Page his brother Henry Cheere quake Grak er a look an oyslir bout of round our to the iny stim - to Cheese quarte Brest Il The mouth slands the applegate humslead It was rather hand work getting our is the wide & quite a strong wind win against.

about as far as I emed see which was a good distance. Bluffs face the enest on both sides truly at certain points, chiefly near the Diplant buy can a house be near. Manh berinsel mones abound as doe. Diplay bennice & Swellows perchang on the poles al. a decayed lunding place. I found a dead fire on the shore near the mouth of the enell queday it were many hundred beotter, chiefly Histors. Sunday, July 13. Marry lundred tiens Good tress in the cedar at new Drop by the beach. On a tre win a number of Humiplem large bemisstern (Tum Scutelistae new ming up & down in the burn which they great, gresenebled Hadria liquicolis July 20 Hudena liquicolor. Humst-flies Ci'eada It "Conocephalus weiger han appeared Conveffications Sunday, ang 3 od 1884. I would lo the pilo on the Serpentine road to see if I could not find our mammals in them. These holes non dug while property for even, I got down in most every me Chublyshina & served served beetles of three specimens of lin blysland punchala , two lings ones, I a little festow about all black. I notice that the younger they are

11. The purt gellow spots they seem to han I have one, seem two horners britterfly, hatteries this summer of a very freed other duce infact for every butterfly I have near This you, I think I seem 15 is to last. him the live herm by the send in the Clore tally where the im braking maderne is. a benitive blue black degenion with agentum Ground bund an abdorner (Frach legenian ?) me me. It is where the fly pledus. Ang ? - . It is not often that - the grass Remano as given in august as it has this year. More enry day for a long time pare then han been runs & very often evid muds. As a consequence melly & hell will wear the aspect of saidy freme. lug 9. Il hew days buch Page gun me the calinfullar of Collecuia regulis 6 Otherma which had been found on humach. regules (H. cofattina) Sunday, aug 10-1884. all about 11 minutes pust i PM. then was an ourth. (Suradit quake of considerable four. I was selling near me of my musel cases which sunged bushward V forward coming . The boxes to ruttles, It lusted alone 1/2 minule. I did not go on a mani

because. I did not feel very well last night & I am so fearful of being ill again that I take enry precaution. The matter was also cloudy, though it has not rained up to this live , so I think to go and I see earth quase frightened. Rati haldeng Aug 12 Though most of the Cocropia-of Ceropia metho hatch in Jame, yel-today a * eng 14. I go to the words often after coming from H 4. to get food plants for my numerous family of colorpellar. Indian Today I met an Indian, an old senter He had a great bundle of cat mips, which he said he was going to lette to a family of his acquaintance in the city, who had a cat. He talked in short sulences. Among Indians -you Know - no education - fallier lake child to another tribe - he learn to spease their language. To by herse-across great-frame - only see grass & little bushes - grad blue sky - wee . He had very would shoulders I was a suise good realismes man.

On the jong I will a dog, with his muster who was driving too eno. Lag V line I ter o elles The day when new house found a bone but as he had a muzzle in was dogs. hard work for true to carry it Homen bu got a with it bretty will until be mel livo other dogs when he metnated in a gale-way and waited until the man came up. His hair stood in a ridge on his back. I he was endury afraid of lovery the bure which he was unable to defend. He my som peached his nature gate I I saw how reten pryfull, with the frage. Il seems do me that the moles Bull mer so away for a space after breeding at hast I do not nee my thing of them miece. during July, yet in ang (alove the 18th) they may be heard again in the mornings rennings calling their will known note. Perhaps they are schent in July Aug 17 Culirpillar of C. Regalis in Cilhermin munch. he a fingus (eating it) Cognero Califullus in grille a large willy calespellar of a Brulyeid. Stizus about to buy a fungues. a q hand fly, with surrow in Jones of Merhous ! 10. Sn

a nego marine for a minister herse he was tramersing ang 19. Lase night the might before a but flew around the bed rooms, I middle han captioned live but I did U But. not care to rouse the outer house as I wingle han down had I made the attempt. When lowted for in the. meanings he could be found . I do not know whether he cames in enry might or whether he has not been out aug 30. P cardin is here in great Pyrameis munders this years the usually commen 1. huntera is ranling 22 Eggs of Ophibolus doliatus (mien Milk Qualles Qualle) at Kreische wille. about 13 eggs (sum 0915. broken I young halched from a few. The largest make taken from an egg was 1fe-& /10 in, the others about I ft. ang 23. (Sunday) In a spicers with I · Hannot Hy formed a permace hervest fly. The ni spiders , will was made by the large yellow of web. black spider. Angiope? ling 31 il few days back a cceropia morte energe Cecropia & in though gan me a Line that had recently Lune been brught to his stire. Sunday, Sept 7" Freezo ?? went to Come, med in quest of usedo. The west end

of the Bland is cound with regulation, Cine, Bland will wild therry, red maple youder ties in emsiderable numbers. There is an alm dune - of Virginia creeper & porsin my the homes is turning a deep real at this season, while the latter is a beautiful green. mall I think ? saw one hundred different - plants & probably a considerable collection could be made there. He caught a great munder of useds. a large species of Converphalus, a sund evlored agrotis the usual species of sandy ground grasshoppers & a goodly number of beetles I hould also add a Menneleur totten in emiderable numbers on the edge of the sall meadow , on this same meadow the east stimes of the feeddler end next between many if the grans stames select their fines owners had straped Scht 10. 11 Page 7 noticed a turble in the bay, the first me I tean ent ven, their The bout - rain one it & the burnel hoofs which it had hold of with our of Kept-12 , Last night I caught serval species

among the number. The lest thing that Enocephelus I formal was in Conocephalus (ap?) unthant - a head, but stridulating as will as it's more forbende companions. Then I approached the musel- Housind it with my purger, it did not close its unigs as is generally the care. I brought him in the linese in laples that he would stridulate again, but he hamit as yet. Similary Sept 14 To Convolled Point. our Con. While bellied on close flying about in thenery I have flying up & down the print- pin our the bushes, perhaps looking for mice. THAWK I saw a mouse but was imable to catch him. Last Sunday I saw a similar hawk in Coney B., each henring a while newfo Pyramero Pyrameis lardue in great numbers. Cardin But my best captein remains to be lote In a damp field, when then were many ent-tack rushes, I heard a number of useds stridulating & 20 went to mirro tigale. I could not make out the insell for a long time Whenever I came near it united stop surging of as it remained close to the ground in the high salt grass it would difficult to find, at last

1884 I made out a large meset which from Conocephalus to be a Conorephalus, a species with a very long hom. After un hours work I caught four. Rail. Sunday, Sept-21 to Reclamend halley, a rail bird by the road side. Han it about throng the bushes. It hid mon, I I ened not find it, but uttast it flad from a clump of triers only a foot away from when I was standing. Indian implements. I found I hatched Indian . 2 mourler like stones (quele: large), pertin implements! of un arrow head, a small round stone with a perfect grove around it I many my good net sukers L' promettre a promettre moth hatched from the excever yesterday. On Sunday the 28th, 9 went to the Hearton wood Ispene - a portion of the day in reading Min Shelley's Frankenstine and watching the birds, particularly the blue juys. I also eaught a few grashoppers I from the material so exceed hun. Melanoplus made out the differences between Mel Benner rubnem 4 M. atlantis.

Hurville re, neur annadale station Plus Thus copalina bushes is trees about to fralece To ft high. There are a pour, which was almost - surrounded by the Hills Isult meadons, when then was un old stone house with many trees Latter of about it. Polled the pig, rubbed down the cal - 4 got - a drink of milk extend waler met of the well. The place was chamingly vituated, the send dunes I old fields surrounded by cadars to brase the und's fire in lunter. Sunday tol. 12. Tollay Jam 22 years old of it may be worth while to state that I have sand a lettle our 1,300. to aid my desind occupation as a futur transfo. Cicindela modesta captured at Cicudelan Richmond tally. Sunday, oct-19. To nutchoque region. In the traps query is a little pend on antenning warmy water bester T . " erri" a little boy showed me a painted turtie which he eatied a thing tentle Sunday, Oct- 26. Near annudale 9 fund two tobies that had been shot & in consequence disabled, though

not so much so but what They could Rolms run my will. The slift hairs along the rides of notices merettes probably serve quide the worm in the proper dunel. "The Kells an so beautiful there-? The read could not help dopping now other to admin the scene. The red border of wood on the Jerry, show, the blue water believe and the distance in a mysterious huze. nor 9. To Totterville. The weather mus exceedingly fine and whom we sal down on the surry side of a Freis bath house to eat our lunch and looked out our the placed water to new Jeney, things reemed to her their fulless grante were of some me I found ruce intensting concretions & Gude grades, evidently of recent ongen. one goode was attached to a sivie and? cruend a small pertien off, not, however, so much but what it can be replaced - that is filled together again. In another I punched a small hole Helout the white sand & a third I left whole. This later is a request the Indian miximuli as and

noticed a butterfly flying our the fuld while 9 thinks was E. claudie but it should no inclination to stop I I wouldlied it out of sight. Collus hor 16 Colius philodice flying & granshoppers not unammer. In a log bired by tendo I found many of the Definined peculiar aysters shells which from their Ostria care fixed position han been forced to shells. adapt themselves to the shape of their dwellings. a learn mer stone of a feel flint chips in the way of Indian implements. The day was so warm & pleasant that me earld not help thinking about il, in rambling an. Sunday, Dec 50. The crumbernes still Crubenies good to cut in the sump near Richmond Sunday, Dee 7 - Though it rained and_ blew rong hard last might-, yet when morning danned the sky was blue > the air warm. I spened The under and looked out on the calm boy and il was so pleasant that I life -it open, not in the lease feeling the difference belivier an offer under & a closed me, so seemer sile was

the merning, at Tothwille the usual number of Indian implements were discoursed - it I was fortunale enough to discours as fine forsit loof, I waded out là a prustes rato nest " fulled it open to see it's construction. about Must rats 1/2 to 2 ft from the top I came upon mesta lot of ropler material them the queral structure of the nose & up. through the middle of the about come a pursage way. The nat oxidentily comes me from below up moto the rope material nuto which it can burrow finding a warm notreal - a fort alove water 3protected from about by a great mans of grass & other plants which it has accumulated. Dunday, Dec 21. The ment lies on the grand today. I employed my time in maxingalist of the miother of Station Is. as far as the I gometridae melusir, and also the Oringhlera. I whend masting are of the time. I han lately completed a collection for Columbia College, embracing about 600 misecis

1884 Actinistinas dec 15, I lought myself. a present loday. It was a pair of nutber boots when with to trump in the undo in the Winter time, Muce so that I may see when the mice hem beaut doot at the birds I won them loday & fined the tracko of meny an animal counting planif with slimp or store is remige endless chain of foot: punts. I seed a worm as I walked across Maria the ice on Silver Lase. The letter bird Kept close to the snew, infact: sometimes burrowed - nitel - elese to the roots of the butter ball bushes, mi reason of servetting to eat . 91: was my quiet about to work, notmatting any noise whatever.

Nutural Vistory Notes re.

- 1885 -

Jom J. Dans Tompkinsrille Staten Estand.

1-

January 1 2 1885 The first lime I write. January 1888 is to commemorate a tramp, I put on my rubber - books ..., and went down the R.R. to next work, and from them i matted to Crooked Point. It was well indeed that 3 had the boots, for in places I was obliged to wade in water nearly up to their lops, but it we a pleasure to look out our the dark fields, see the musk rate mestis,. and great dead trees with crows setting. sufer weathered branches. His one can sufer down about a more the pume, a great tide may cover the entire land with ealt water + in fact this line of the year they are mostly swampy. I have been interested in the different ces on the soft shall clams, from the varous localities on the Island, and it. was for this rase that I went to Covolies Time today, The peat is exposed for a great distance along the short shows my when sell readows have been in time gove by , and in these remains of former wirden, the off-shell clams doll their little canno. Then is a great difference, however, between the shells that grow here, and those to be found along

Meadours

the sady she. The former as a dister. I rounded, while those of the wandy shore are foul & ere. in their developement On my way home I met Dawyer, who had promised to come with me in the morning but had award the boat. The points along the beach were covered with gullo & we were very much interested with their proceedings. Louis discovered a flook of birds of a different species, and afterwards we walted out on a point to within a very short distance of them He thought the wird was the Kittervake Trull Lary tridacty his and from the arus tridactylus describlion in Arthers I am inclined to agree with home. Tomaboute Bull ! Sunday Febry 5" 1885 Owing to much work and the disagreeable Sundays we have had for some line past. I have not been on many traintes. 2:1_ In a cedar tree, near Silver Lake, 3 Mousis nest found a nest of the white - bellied mou and climed up and opened it , but the

mouse was out. Then was a flock of.

birdo of a brown color in an adjuir of bre, but they would not permit me to approach near enough to see them plaint; In a small fond near the Little Redunized black - Colon road I counted 18 books mest's of the red-uniqued blacktind & our few of their seemed to be our a year old. In this same fond I observe through a clear slace in the ice, & near the shore, a great number of ted poles, lette ones & big ones, some leave & some In the woods near by, I can the you darelinal bird of the season or on the way home a few robino. I met latades Leng, who was hunting for heelles. Heis dog frightened up a rabit. and while thing for some material to sefe- for medo, we came upon a hand-turtle about 6 m under the serface in the natural depression where it had taken up it writer have. Leby 19 Though the snow is stylle on the gound and the days are cold, ye Song sparow I this morning I heard a seng aparrow, it first one of the season.

teby 23 rd 12 il il the facer companiers, on a trump stong South But de engle brack. There the first were saw a buld eagle or while headed eagle flying our Me the shore, which is covered with ice, I Urea. found a fine specimen of area bransme with the apedermin complete. area pexala is not uncommon in this condition but the other species is our our shows. In the cedars near the light bouse we found Rabbit bruello a great number of rabbit tracks & drop pings in the enos In the exatures thereselves must be very monor one just here, though we can none. When young slowly our the ground they make three tracks or marks in the anow, " as in fag, but when leafoing all four feel-See Minerch & learn their mark. In an old apple line, was found a bereach out with very red plumage, & in the hollow from which the out was taken wer a great number of pelleto, all of which reprize ted much eaten. March 1st a great number of birds an now abroad. I some serval ine sparrows & they seem to be very gaily decked at this ceason, the spot

on the top of their heads being bright a britty. I visited the owl tree aposter of Orol low on the 23 rd of Febry, to see if the owl had returned, for it escaped from Miss Knight's house in New York, to whom it had been given. It had not come back however, + 9 are very very that the poor bird was latter away & do noch and prambulations distirbed While walking through a thick lettle wood when the old swemp oaks hang their branche low to the ground, & the cat-brian makes secluded retreats for the "molly cotton bail, Rabbil asleep I came upon one of these orectures in fast usleep. I thought first that il must be dead, for I made a great number of noises both with mouth a feet without making it open its eyes, a dog even barked in the distance, but loud enough to awaken such a timerous enalion as a rabbit, I had supposed. After looking at it for a long time, it started up in evident terror, & running across an open space put into a In distance a thicket. I measured the tracks from the Rabbel com jump middle of one to that of the other and formel them to be about 9 ft in most I ended up with a bornes along the shon home or as it rained, I got wet.

a frist tello me that remal weeks ago, while skaling , he saw a mode new across I Thus that woles were abroad on with Show in ree but did not think that they ever made. journey's in the day line on . I was on ... Sunday March 8 - Though it was a cold. day and Il snow laid serval mehes thick in some places, I writt in rearch of some_ of the well known hells. There were a good number of robins in a cedar Robins woods of al this season their brasts are very red. The first blue jay, that I have Police + heard this year was near these volines & sometimes he called very like one of the. birds & sometimes he gan his own note. Last year wy formel a while bellied mouses nest 4 the little creation ran away when we approached. I do not runny that we dispaced the nest in any way through we stuck our fingers in it. Today I found that the structure had been rebuilt of very nicely at that, honny the whole man the top into which white lette I tous peromys might enter. Ho an fra

I noticed today while crossing a small pond or the ice the truets of a rubbil & instead of learing only three marks in the enow, as I stated on Febry 23th, I find that there are four, arranged in the following order: . The rabbit had Rabbil bours evidently not been humed of the tracks were those of its calmer moments. Sunday March 15 Though it rained moderate there time, Mr. Sterius and I went tramping - tritle the aid of the outber bods I found many intensting things for his Caddes worm aguarum, particularly a very large caddis worm I ad - new been this species before I am going to try to raine this particular fly. While turning one stones in the bed of the J. rang brook, I came upon a frog bonder one of them & Mr. Stems seys that on last Sunday the fish in some of the deep Fish abroad pools were abroad though there are in the brook none toda, o also found a small wonged neurofiterous insect. Meuro : rous inse Sunday March . It is very cold now, the ice in the bay being about 3 in, thick I along the docks it foreges solid at night. Today I saw a black-nosed Dare dace in the brook or also a grog. 1 009

On one of the dead loves in the Harbor wood was a large bird; I think a bald in the same way as the eaglest I saw on Febry. 3.1.1 1 -91 -It is so cold that when ever logain spring brook. spreads out so that the water runs slowly il- freges. In places I could walk our 9'cc this ice I looking down through it are the little constitue below. Sunday March 29 - 1888 The past several edays have been ones of pleasant sunshive & warmith & Britton pays that a butterfly Butter fly or two was seen about his house. Suow Last night at snowed or this morning it lay rennel miches thick. However, Mr Sterns and I went on a bramp to look in particular after some of the meadow muce. On Vibunum Will we pulled many birds nests down & we found two nice at home, but they both ses peromys escaped. Hesperomys lescopus. It was very pretty to see the lette creatures jumping our the anow, & it was very easy for them to get away by burrowing suto the laves bon we bould get throw the eat binars after them. Their trueto in a cedar wood were very numerous I in some places they had jumped up I pulled

of the needs of goldon rods, or what I lake to be the dead stems of these plants. High up in the blue ally, we saw a great while bird sailing about after the manner of Great while bird a hawk. This was probably a gull flying our, I great many birds are here now, having arrived during the last few days. In the Swamps were serval black birds & many Black - bird whose names I do not know were calling their notes. Boutton says that he saw the first black - bird on the 16" of this month, as he was coming up new Dorfs Good friday april 32 . This was indeed a good day for me. Our couls were loo warm, visesto were numerous, "peepers" & other frogs Warrepuper " calling their servals notes, and a great throng of birds singing or fixfiling as the occasion Frogs of the anoment distated. Birdo Sporing has madeed town bled right upon us this year so suddenly has it come. Tolice Mr Sterns and were looking for Indian impoures in the fields about Fold gure the Billopp house, a large flock of great flew close our our heads, going up north along the coast. The could bear them square as they flew along & it was very portly

10 1885 to one who had never been so near them before. It was a They flew in a line somewhat as represented a over And Indian implements. I do not think I am found any better mes . It may good aske, some slives with groves about them probabl suckers, two pretty good arrow heads & a number of other policy stones of doubtful use but not of one .. I was friend the will are the The is belies is in bed, but the flowers arbedia. in not red open. Parry back willow . do show their Paray willow Sunday abril 5". West to watchoque, newsprignille ve. On hiberrum hill her stone nearly slipped on a woodever. the first are Grood evel I have seen this year, he also called an the mouse that we disturbed last Sunday but it was ut at home. The turn fille road was exceedingly muddy, as was most of the others, the walting being much better in the fields revoods. In a surry place on the Turnfike, I saw the first have sa unessa autober of the season, though they have been abroad for some days.

On the long straights road that goes fine the Turning Steer road. to Bloomfeeld, I observed a most complete graft between two shoots of large size, of the Scarlet out. The fig. below your somewhat the appearance of the love We described. The Learny hatchoque (Blomfuld. we went towards Chelsea, X It on Union itre . wiled an old house Old house Trusp: need. in the game of which we collected many waster nesto. One nest was new to me. It conserved of for long rows of beautifully nited mud cells each row containing about six cells. It was built on a beam of. broke easely when I tred to remove it. On Bockland are, just before reaching the Corses place, there is an exceeding carge class as regards trust the thiggest Marye : 10 one I think any think of. Just bus - Corsons, & probably the old Seserted love homestead, No accomo to - a deserted house with one interesting brick own, old wons for holding the polo & can old Franklin store, for burning wood. The well belonging to this ancient meansion, will him in my memory for ... seldom Beautiful well have I beheld any thing so beautiful. tray down to the water, assuring

& reflected in the just pool below, was a most charming collection of moss & terms. not a stone was when so thick was this man of green. On this same road or a little. further Deserted house, on we came to another deserted have filled in with brick set in musi . In this arrent abode. " found - second - nest of bit seminorpes le . bed on the previous I am, it i succeeded on morning enough. Transpo ment of the plaster (which was put right on the bricks to get the nest of whole . The found lette bullo of reen about a large as marbles which had evidently cooled out of the pine boards & failer down between the bricks. Further on the same are or as a neigh ils junction with Rosewood read, we visited our fourth deserted house, out of which we got some mon was fis nesto + looked at the interesting mutual left in the delic + rooms. I rom for se made straight for home, our the six or seren unless of country, for it commenced to ram. Sunday afoil 12" I went alone done in plements. The chief finds . in the ndiam implemento linea were a skim scraber, in quotished.

done of doubtful we, a large hamme Indian in hourto stone or few good fragments of arrowheads one fine war arrows. Near the lettle joint of land where I had been looking for Indian implement. I come upon quite a large ofwomp- of Slag horn sumach, & I believe this to be Stag hom sumach! a new locality on the Island - for this species. Last summer we discovered a member of there plants near the highest four of the only me Known of before this time was in willow brook road. The heads on the plants I discound today ... ren; stort. a looked carefully for a next but sould fruit more. A formed found. had could yne a sew days past which contains servou! (4) large brown eggs. He also reports Thing fisher King-Jishers abroad. april 13 - 885 Jas Raymond tills me that he found, today a flying-agueral's nest in turning against · hollow tree in two garden. The next contained & found. comme little ones onle a few day. of. Upril 16" I were our my first afternoon tramp, going to the old. grounds in the Haster woods, I visited a

beneall much when the to place are a soling. 1 fter weiting Kayla bickeringin a montate & to me in a time is formally complement . little filler . The sail ander his clin were exceeded in the interest of they at the server, and has had was entirely hours defrence in the instead from their read in the full. There was wither grad go intertit the than a chamitano, which so is the willing roung lines he can and tillle in the or warms to the stand do head. to a me and set fin to the files of it hand ordered to the world. I keel out as much Oh 3 sould tell a har dive much danninge. thoughter jersons deding in their way more of the words in a few were, there saw he replaced by the youth As a summer. blank. e mant le the moods again this atternoone. The susse, without and in arms siaces so that the stammer show their bright jetton sollen, The alders along the brook -Siles dusti a golden Shours when down with the ringer, thuder some stone about I durned in , formal a sew beellier also the nest's of a reach, but then did unt seem to be as many beetles ses this line of the sping Bulleo

generally brings to view. Sunday, april 19. I wint to Tiosonthe starting from Unradale Station. Indian implements ? a field can the J. Il UT. I found wi ours good tragment of an Indian war arrow & a little veery michevelle a few more in the lements. U muchos of needs were flying about today + I califund a letir . I also sair screral On a game toe i gound one of the Fra lina fruit of the arrows year that had become co. Metel hardered a wood live, and inchesion. ... of the clay beds I dug out some blocks & squand them with my know, Marbled clay the clas was beautifully mottled or marble with sid, this red color due to the iron am land in it. i'm intensting fact which I have neglected to where me the neards of my prerious walks, is the circumstance that all the his ga posts in a de . ted dwelling mar the little clone Tool becker & piazar posto. road have been bond by wood peckers, probably the high-holder. This shows, I think considerable thought on the part of the birds in adapting these artificial structures to their wants.

16 1886 In the diggree for the Rapid France R.R. I motived what I lake to be were brust's Earth worms is boringh young is a love spe from the surface, Today Upin 1 " noticed ... assume earth coming out of the still wall . the .. adm and about fe of the top. "he western . seen endente me is it the surgace the day see me > men, Committee of the contract of t to the second the in 1 ... " harox. . 965 2/2 couble be bloning bout the 10 um lebre 2/2 jarden. Sunday Capital to the in more lowery, and there is super me our from the restate in a much muded, no 11 is Sainy has been and dry order. " ex To have the who to the mercul time seem a great many species & blotolus before my yes, owing to the desordered condition of my lines. It is ar bad that I cannot unti much or look through a microsco.

Emday While - 6. 90 in English starring Egyp of leng spanner , with it aggs today. It contained in , and they were servette fresh. There is a great resident blown aming the eggs of the bind it is a second of the there is the in the no it was that her it it is to The first the that attributes my notice were Il wown littles it is y head when looking i of some well or a the first wallow i the care her to bart of me old Stimps & in a well I late to be the og case of the them I being longer or of lighter color than the relaced by in the lie. in 6. one was made their of personer n the delin who. mar roques of me orooth I heard a my quinar bire on the chewrith and a yellow Chewnie breasted chat was runging on a high line until Chat it was so dark that I could hardly see The introduced willur (Salex celta) Forther beautiful grun, and most of the spring flows at duck eg was brought for the Southing

which pretent a freeze ain about - 1/2 in, for is allached to 1. es a second es 8 blue the egg. shells at the tached. Thursday afond 30 - 1885. I and out to Loquis spring brook in search of a few ladder fly Larvae which I found, & intend trying to me. Many of them of one here, had closed up the mouths of their tubes of I think have your suto the pupa state. One which I opened - was my languid, a. I think had completed its growth. Most - of the wor had crawled between the small stones at the bottom of the brook & So were quite protected Today as on the 27" then were many "day flies flying Day flies I saw a second cusuitors today May 2nd I saw the fine brown thrush. today that I have observed this season. Brown Timbe May 3rd (buday) " went to Totherwille today with Dr & arthur Hollish, Mr Sterins of his children. Many of the love are out in leaf and blessen in this roundy of Tollworther, owing

collection, that is a rose intenstring specimen. Inside of the outer thell & at about " in from it on the refer ride for it .. Marked to the rulla. Sheet is one side is a second egg of cons . I blue the egg be trained the inter the hello at the i when they is alle do. Thursday afont. 30" 1885 I want out to Loquis song brook in search of a few Caddes fly lawrence which I found, & writing loging do raise. Many of them, of one-Cadda flus openie. had closed up the mouths of their tubes & I think have gone suto the Josepha state. One which I opened was very languid, an I think had completed ils growth. Most of the wor had crawled between the small stones at the bottom of the brook & so were quite protected Today as on the 27" then were many "day flies flying Day flies I saw a second awallow today (du allow May 2 nd I saw the fine brown thrish. today that I have observed this season. Brown thrush May 3-d'Sunday of would to Tottenville today will Dr & William Holleste, Mr Sterins & his children. Many of the true are out in least and blossom in the ricinity of Tottenville, owing

to the warm influence of the randy soil He measured a shad bush that has Sheel grun to be a grant of it's Kind, it hush was 3 ft - 3 in (about 2 ft from the ground ni circumfenne. I found a few Indian implemento, ten Indian implements. specimens in all. Notus Volue birds an building and 9 Robins saw when a thing fisher had durted blue lards to dig it's hole in a bank; they an Thing fester not, however, my forward in the matter this year. Piens a few opecimens of Piens rapal were tapal. abroad, but as yet then an but a Comule namber of muselo. May 5 Cat birds an hen and this Cal brido. enning are was singing as I came by a recluded spot on Fort Hill. In Frish pard (selve Lake) I scooped up a number of specimens of Cyclas 6 y clas more than I have seen at any are time before. It is so cold yet that are Cold_ (in - e out - is a convenient - and welcome garment, though a few days pase - it was much warmer.

10 9 21 Sunday, May 10: 1885. Blue butterflies - all day I slayed Lycaena near the Ocean terrace road, about me of the Dwamps. Fish como mest containing four eggs. Fish em also nesto of Common eron. On me wide of the swamp was a dead the or "steet", then being no Hyving equind brunches. After much work it was Mouse Knocked our and a mouse run anto out. a flying aguiral had fled from il when it was fine hammend to see if any thing was at home, and it's abode was found near the mouses nest. In many places the termels of the black anto (who also occupied the tree) had penetrated the verto of there manuals, but the auto evidently did not disturb them. It is also intensting to observe the number Sheeps of slugs of ranous Knuels and the son bugs, Sow bugs which are to be found in these dead tres high up from the ground. In another stub was a second flying squirmle nest. Us fast as the squind was driven from its home il come back again if left understurbed for a few mements. Finally the squarel

oprang from a high fine to a distant tre and so our the hill to the ralley on the other side and its last leap was a grand are It- leaped from a high the, going down the hell side or turned at right angles almed a clump of bushes, sailing in this direction about fin yards to the trust of a line The stub contained a nest- and four young. Cicindela Ciendela purpuna abroad. fuetherna I saw this morning in the garden, Bullion before starting out, the first Baltimore oviole. Onole of the year. Manyland Maryland yellow throat in members yellow throat & Red start -Red sture:

Disturday May 16" his is the find 1885 of my 12 days vacation, & I spent il at Tottenule. I heard the first- Hyla virsicolor of the Spring, and Brifo land genosees also Bung -en times in the distance . I found one of these tonds dead in a spring when I think is me so have fuller & not ben abie lo get l' for il was a barrel) died. While I sat in a clumb of bushes watching how the birds . ucled about me, I was attracted by the ownting of the leaves a lettle way off which I so spected to be So lack anales caused by a make. I looted carful I observed two blacks maker, one of Stude almost numericately made off, going do. to the broot side, when the underbrush was the ver. I stood and watched the occurring one for some time, waters for it is act, but it remarked quist, the I was close to it. I winally potted it with me stick, when Vibrating of the it or trated its talk, causing a sound uniong the dead leaves similar to thatwhich I believe the rattle paroduces. ? made it repeat this serve times by stouping my good on the ground. Abbot writer that rectivador play ohners does this same

thing where de ties hid . hellowed this weeks slowly about as it went from clearings to change in the bushes of morder is escape me il- climbed_ upon the cat brians is in quiefully make of joing from buch to bush with great on fridely I am the same direction to the first make did when I distincted them, I watched it for a considerable live of at last observed it climbing a sal buer which was laughed about a anall-c'un bre. It to not to branche until it vas about half who it the tree to the see the enaire that had at first made. " the let be don't this same du I a destare de de de de hat and hating to the solliter, the there are and well included to remain so they were no the wave time as ord star - lit on a bre near by this of the war one I have seen this year. The birds were very mundrous here & pritty com lows my calibrides care & lit on the next time but they did not observe the makes. They flow away to the adjoining trees, but now seemed

Red plant

to Know that the anakes were about. at last 1 a more cal birds, or they may have been the same two came to .. tree near by it in the middle of his song the cale bird stoped short & called his ony of alarm. I was - much see I sed to see the birds fly so close to the snake lovest down - the line, many two not being a foot away. Waster attracted by the eng! of the ent birds or not - is more than I can way, but shortly a brin. thrush cause to the the + with feather niffled showed be was angon at these to scancines. ". Tital male hopped about gor a seed to hom to & brown thrush there flow at the make, we strilling him about the middle of his body. This he depeated twice more of them the suare fell from the love He then floor to the lot of the love of attacked the other replite, which let go his hold after the first peek . The cal birds all this live were looking in of them make a good seal of afterward afterward I succeeded in making no's vibrate two on her laid after the memorer I have decide

I west work to one of the Indian Indian was instalement fields when I prested - up 8 pretty good - inhlemento. i also found plementsthat the Thing fisher that bilds here had Thing isher taken posession again this year & that the boys had made a perfect path way up the side of the buck to the mouth of the tunnel. . the glad I would open it & see what I ind of a nest she had made this time not expecting to find any thing. measured off my distance Ading down on the one -! he laid in the wind of the wells deposted the Indians, co that I with ficially dug through them & I do not see how the did at it. I was very sorry to find that she had heid one egg for I had thought the next-derived. It was frishly laid. There I was washing my Indian singlements by the brook side & in a swampy place Spanon a spermo flew up from a clump of yours & repor loosing of house - its mestwith one newly haid- egg. I also found The world a she writt's nest note me egg in it. I saw the find Chry rophamer ame n'euna that C. america Elmia I have observed this season. Cetonia under abroad. In the sandy places when grows the Hondonias I caught a number of syneda Syneda

prabain of under a dead Thust out a great member of beetles. Inen berow The Green heren is laying now, May 19 1885. I notice that bundle bees are not on amoul when flying about 7 that they often Knick against the Cranches On the habits of tree. I saw one fly against of Bombus a black berry bush slein & almost fall to the ground in consequence. Then young from flower to blower collecting honey, they are not at-all particular to orsil these of the same species, for I saw one . fine go to a number of dandeleons & there off to sende flowers of Uvularia. May 212. Oh wrning over a slove 9 forme - a nes' of our common Polisles of lut. cells. This number only mases a vir ,5 mall ner or growth of cells about 1/4 in in On the habits diameter. Get about this small nest I found two was ps, which I think must have built of Polices it logether, as it is loo early for one to be the parent - of the other. The cells werestord, each having it egg, and they must be the first ones laid, as the weather has been too cool for rousp life to han made much advance. The fact to low mother washo building a nest lighter a new one to me especially usel

was love in the State I day Burged . I must make and the second of the second o of the contract to some home in the second second second second second O chippings nest autaming three eggs. was eduposi I a robines with two . " week is any in him with the state of the contract of the state of the test and . I want to that in the stand the or we older the beams the same work a live with that I hola day home ins. The stoo sender was good ... serve blaces also the brooks, though the out not seem to be me linky. see don't ago I found a week following 'Ilal . Send which arthur says so be he refrances. It proves in the borders of Silver Zeller Then are but very fine ruselly abroad-I har mind as the weather being so and and miserable for the season is the

Sunday May 24". I went alove to Tollwille. The sparrow nest that I discovered on opurous May 16 in a lussock of grass had been over turned, probably by a cow, and its contents destroyed. I found quite a small Cestudo clausa, of a beautiful orange, much lighter Ou Carolindo clausas in color than the general run. They seem to abound in a particular woods near Sottemble us I saw serval others: I have before noticed this particular liking for certain localities. In one of the Indian implement fields I found a number of sinter stones, an arrow head and one implement that interesto me so siderably. To one end allen is a triangular (or rather two sides of a ring of polished surface, or on the sides, two others, though not quite arranged us I have them in the fig. I met with a by who had collected a number of implemento, chiefly irrow heads and he sold me his stock for 504. Then was an onament among them that had a hole through one end, the other extremily being broken off. I has have had been drilled from both sides. Ofter I had eater my lunch or was lugging my finds in the implement line to the book to wash them, I alword setting - or

90 18 80 5 a greadow lash and her eggs. This is the first one of their nests that I have come across. It contained four fresh eggs. Black makes were particularly numerous today. I gound 3 pair, besides too love individuals. I succeeded in matting some of their vibrate their tails in the dead - leaves as described on May 16 -. With the love medicitude 9 had a lette fight & sucreeded in making one of them follow we for about " fe. They both bit savagely at my umbreller I me of them left a booth decling in is conr, for they would, or could not let go, when I lifted it up. The of these replies was of considerable age, probably 5fl-long. On the border of a marshy trench, 3 found a small specimen of Conostermin Custemine penns y louvieum pennsy brancour. I have serval times found birds eggs Birds eggi Lyng Lying about the fields singly, where they week han been dropped, and today I picked up what was most likely a swood thrush's egg oust abroad Parcialed quote On a plant of danderlion I descound i of deudering fascicled growths. One conserted if wo

Bleus & flowers, & the other of four. The stem, or combined studks, of the larger one was our one half web in bradth. llo I was transfung for the train across Nest of Fuld guldo, I almost stepped on another bodo nest. This time it was the little field sparrow, with form eggs. Then we many mon openium of Helit it -Potterville & ricing than can be discovered -Hodit. aller or particularly the eastern and of the Island. I find a number of Helix alternata on a bank, They were all deal, 9 i that destayed . by the hear 7 Handido in a friend says that on the sad be found your blue birds full fledged. 1 of the May 26 Revival insecto (moth) have come to my lamp of late a fine bouly Heyppa 4 legppa xylmoides, with a plusia or two. I suggered one night but only me the country there is a goal - a william He di ophila a Milliam goal good a tied to a long rope, & when I go by this field I stop & see Belly. The is very pleasant for a time but generally tres to buck me, as he did to day.

at the end of his rope in one direction, a Tollian god he has worm the ground smooth by running back & forthe over the space of two yards. The ground is quite level of I cannot understand when he sons not go further, if this lette , an afrom aide to side is for exercise. . as he. has a little bell about his need to makes . quest - on his way, and I today with great amusement, watched. him tool - up & down for a long time. If the to stare is at c, rope d, my Bill, wills along the survey have be a runs back to a , along the straight have. There were two small calms in this field also, & one of them got my hand for down its therea - we may effects to see how do are attend on. I know of a number of oako, that when the woods were cut down, several Tomming & years ago were left standing, their lops & main branches being lopped off. There loves have not shown any tendancy to decay, as is generally the care when those around them have been ent down, & therefore its seems a good way to brise due.

Sunday May 51" . Gesterday (Decoration buy! it runed, as it did this morning but about 10. a. M. I started out, us it looked al-last-a few insects fly along the roud sides of nature begins to wear the appearance of summer which has as Huecodes long been coming. I saw Phyciodes Pupilio asterias tharos, & Papilio asterias for the first time flatteness this season. Plathemis brimaculata was also abroad. Servel days ugo I saw a Chrysopa or today I careght me. In Chrysopa Hourmer headed of the harmer headed drager flies g formed a high bolder nest with 9 eggs in it- This of emsider a goodnumber, the usual set being 6 or 7. Two of these eggs were fresh & the others were in all slages of inculation. 7.7/m. The Maryhand yellow-throats ? that cellen For L have not laid their eggs yet, fran mest which I looked in contained none though it indently was just made. I found a nest, which booked rather pour in architecture of on which sal Cardi eal grosbeak 4 brownsh bird, but it flux off before, nestof in such a way, that I got but a. imperfect new of - The contained

34 1885 egy about the me of our word throuses, but was block in its besternt dinnelis, cound thereby will very her sports , The ground color was in. fine 4 = I resiled the nest spotten of above, and found that the best had laid another egg. I look the one away on Sunday, as I had never seem my thur, lit it before. It belongs to the Cardinal grosbeak, a bird not common on Statur Island. My lettle many land yellow thorough had laid two eggs; but - 2 had a long blank before " could discour the west fine 6- . I riseled the cardinal birds nest again today, but some one had latter the egg I left in it. " . The margand yellow through however, had laid two more Promiero atalmi. For serval - days the Promiers atalanta butterfly has been flying about, & loday I saw the first - beeropia that had been hatched out of doors. Cympo Reminator galls are muar Kably abundant on the while outs in a little wood I know of . I do not remember ever seeing so many before.

, Sunday, June 7 = I went Richmendond. Chagy us or soma was taken, our specimen Endamo Endances tilgrus Pomphila Zabular V. Danas circlet pus men seen fly 4 1 : uph las about 45 once of the Mesperians taken donais The chief finals among the musels were ser ral fine Gennietrida. Growelids Li bellula semidasciala Mand jumes " Libellula and Planther un to data, we all stroad Plat emis mue u · 10 ro. 21 a mest of her an eggs of the spotted K. d, Il as as having larger blotch their they can rearly do. in holle :- ipple line I formal a nest the hire . short sampy eggs, belonging to the great-consted placateties. In a want year touch you and the ground as While eyed rino rercos nest containing me egg which I edid not disturb. as I approached the fort back of Prail Richmond; I flushed two quail from a fuld among the high grass, & a bitte I have on a god one but could-Bratin L and no rest. The bothinks also inhabit the fields in this recinity in monters, and it is a pleasure to henry them singing as they fly aples such

Alien the contras. or little how reliaists bouth in a fully a second of his a cond but he was to me to your from any then form of the public and dwells in old lader with a most Old lady m nu. lle cour le naire . at a house m the time I reelled for a don 16 of water the same of the same clair in some of her law. it'al finds, or what morning is to be a cuted to him I right some or suffering price age. To such a blace is not than I can gent but i' will ne is forget the such rise as I him red the on ex of her house of ment io un expected, as kerson. the the leave of the black birch, I found Exendence alla very seculiar exendence y a bright oud color but I do not know that leans of black brick . il was made by an unsect, it least 3 could not made it not so with the magnifying glass. (Made by a species of mile) This crung at 8.85 s'clock auch a heros fluo nilo the window, attracted aeschua heros by the light in the Kitchen, I have never Known before that dogon fles fly so late at might.

I should have stated above that the march I was word worm has commenced to build & also u feno mediridades han laid an egg or two. I examined way other new ones which contained nothing. Mongraphe temptio Wednesday Fine 10: Neony nipha cury time in (come my muse when) now abroad. I saw time in deviduals. Summer yellow I formed a very lighting nest of the some bords nest. " yellow bird whice I suspect is a two story affair the apper one being built our a and he to by a dooroun, later on 9 . it. in stigate, his nest contained four Cheurusto nest a eggs. I also yound a the up with two eggs "The great recasion of this afternoon was the getting a good look at a reasel. O. I was well my through some their small growth, I heard a slight morse & muediatel observed. Treasel m an -am nal a short distance up a Ches trul true chestrut line with a slightly learning truck. I very som made out that the beast was a weasel, & lakin, out my used net made ready to cittempt capture, the weasel all the time going further up the tree. 110 I was about to climb after it, the creature mossed its hold fell out

1888 of the line shi q n the my net " falling or the miles i de met do ser is. I'the ight let for , I will the remark to . 1. Freat . . . the in a for the absence of all black the tip of to tail is far as " a cld obse . le cell as ." Theretae ?. . . I to new or fo state a la la after la mos nest 3 discourse 5. L. though it cade no needen of I when that late It then contained one egg, how today it; had four it nest was about ? for from the ground . , nest of while eged inco was largely compared of a garman news paper, with some mors, & a few other colond objects. It was almost completely hid len in the eat brievo though the nest itself was or another plant I think a vibrony The little architect of this shruchen was the while-eyed sino. In a deserted nest belonging to one of the mice probably the while belled moure, I found two bumble been emble be ... I their could somewhen in my notes, wises nest. long ago, I noted the fact of finding a bumble bee in a mouse must.

Banbus, but such . the sad fact. We little the to with a look in the bushes & see the pres eggs of the cal bird of the me is that will slightly or live this care rest, the muler. 'Lynn when ... destinb. the mouse no of to the way the but be been that is level to place it and w this saw . str dair. , such . the se of , 26 m. on U. hollo lands of the apple has when I got y the forces consoded fly catchin (freat existed fl. eggs S. day, I for his more today ealelin. Sunday " 14" & M. Sawyer 79 went afield. Papilio troiles and los phas minitor & Papelio trolus. Militua phaelor me seen for the first line this season. I were tride can now be Melitara. The nest of the Chimney swallow with Ol muce wallow. two eggs & one of . Summer warbler with four frish ones, were found. I cat bird's west full of anto was observed, the bird haring evidently been down off. Int lande wester 4 Sawyer found a Summer warblers ne to me which the eggs had been set on wouldge

soms that a do not know the name of this

1 1889 Saturday June 20° 3rd racation day. I would today with James Raymond . I ... stayed for the most part in Clon ralley. In the butterfly line I saw Endamus Euchannes · lycidas, the second - example that I lean lycidus. mel with, but I was mable to eath E. pylades. it. Also E. pylades Ancigloxypha numitor ancylox ypha. * neonympha eurytris which was abroad in great I captured a species of Vispa with the nemy rupha respa with , a of the seem day much secondary unaggore for the left side of yet the mused was flying about & seemed to get on partly well. Edipoda wal. O'di poda corallina, saso the first one of lina. (O, hubulled) the season. not plentiful this oping. on a birch true that was almost dead, Prior of y stees I found a chrysalio of Prionoxystus Robiniae. This is the first me that I have ever found protonding from a hole in the species of the In the bird line we found the nests of the following: " were herow, with out eggs; Green herre Buy sparrow Song sparrow, built on the ground & with four Red eyed rino fresh eggs. Red eyed vino, with two fresh Summer yellow egys & a third one belonging to the cow bird west about 2 fc from ground. Summer yellow bird, eggs set on for some line, so we only bird.

took me - fellow breasted about, with three Chat. last burday I saw the black & white workler Clark yrelati world. c neher me a small for & this day I also observed one of the same of facts does it bried here? a a pair of cal-birds made a great time as I approached a hedge row, & repor looking in I seed one of the funnied little birds that I have observed for a long while, it being so small me that I could have easily taken it will my nsed-net. The found an open work box or cagein which some one had improved a bonen threede & her young. The & was flying about & hit Kaymond in the head, as he approached the capture birds. It evidently was left to live to feed these por prisoners. In let them go. Last evening I heard the first - C'coulties OF ... ninus? Prancy in an except. Sunday June 21th of west for an all day remible, ending at Richmany about 7 P.M. in tumes igites Today, as nesterday, I saw Endames Exciders but was mubble to capture it. I also took a beautiful noth near a growth of with

4.2 parsibo but i un not an that it feels on that plant. It is white & black with like 8-maculata but is not one of the my There is a great palch of borsonous gram Lastin growing about a ule from Richmond. of blanks of the en immrose. Three mas ... lid floodele discound Grand on that I'm is on the great and allow the contract In a dise is home, had builded hy. est, if the energy the roller. n old barre en Richino d. a clim me, swallows nest with four Channey swallow eggs fact, a phoibe burn Phoebe bird will one egg this being the second broad for the phoele. anned and the things that I have been been make your in a along of grass a shore finchis Slear givel nest was found with three frish egis, in on the meadow the shell from which a young mud-her had emerged Mud- lacas On these same meadows I opened a musking hat habitation, & discount fint

an repper chamber with a passage way leading to one just below it or their two more turnels to the base of the structure I think their summer residence is comewhen differently constructed from their winter one. I opened this saire nest serval weeks ago me toda it had been repaired any in cyline fine 5 - First observer of any ymis cybele June " 4th racation day devoted !- the cality of observation of meets, leothered General new mes to the Gland, particularly a idnign fly, , again saw a specimen Ende . stycidas of Endannis lycidas, but no il was ana this growth of bushes I was mable to late it. yantid wining I found that a small Geometrid 1. cale pillar walking up a mable trie went about iff, in immete. The calirpillars of Janas archippus and about one in long & seem to be numerous any umo cybele es beconing mimerous which the spremmes of militara tohactor seen in the wing an my scare. Most of the Dragin flees han now become plentiful & between the specimens of big anax junios & lettle Perithenies 11 + dometia that go flying by one sees a

daming-needle" that it would be a joyle thing to catche but war, how hard it is to capture the cruture I should have noted on June 21st that I saw a openium of Pholison calulles Friday July 3-2 1885 The Exchange road this a holiday so I went on a bramp. This time I was more fortunates with Endamns Geiden them I have been on previous occasion theo year, for I caught the openimen. I hook it is the same place when I saw the specimeno spoken of on fune 10 + 27 =, the one seen on the 21st was on Ocean terrace Road. I rome this circum dance I am inclined to believe that it is the save butterfy that I have seen malloccasions, for I have befor observed lend us tilyrus linger about a cirtain paths way in a growth of langled cal-I suspect that the coro-bird some lines lino biral lago ito eggs in an old nest, for lodg I found, a vinos nest, which was evidenty of last- years making. I identified the song of the cardinal bird Leedew book I see a flock of Cherry birds (adur birds), on

James Raymond, some time ago, jound an chicadu's nest in an doll apple limb, I Chicadie today I saw a number of young ones being fed by the ld- birds. Limenitio unula is abroad, as is haden humilio ursula ? Hadena aretica arctica When jas . Ray mond & myself went out (June 20) together we found a swallows nest Swallow sust down a well, I he has since got, out of it - o should have also noted in the 21th of June, that I discound the Dong sparrori 5 mest of a bong sparrow placed in the side of a hay stack. mest in the side of a hay stack. of a hay stack. Saturday July 4" The Raymondo & 1114 self would out chune ward. Charles found Golden crowdel a golden crowned thrush , nest almost the first step taken. It had stone eggs (forth) in thrush. it, I I'mest was built on lower ground than I have usually met with them. · As James + I were walting side by side along a wood path, he picked up the Mayeur Cionela upper left ning of a 17-year cicada, that some bird had evidently love off of the miset. This indeed was a grand find for it broves that they were on Statu & this year, & it shows that we han had "them here, more or less moments n all the occasions when they have

been in the new aboveing regions. In 1877 was the great broad that covered our Island & agum on 1881, when I appear to have bee the only proson in M. Y. State to han reported them to the contomological dest. my were not numerous on the stud in that year (see back notes), his year their occur or a portion or Long Island. I also Pennsylvania & my captur of the wing today, proces that a long in induct or two, must have emerged on State Island. Us we were walking on the edge of a strange in the thick woods, for Raymond alus, " me coeth of slipped on a wood coek but the bird did moud mit. not fly 20 9 all a sworp of the butter sty et captured it. In their set down and examined it may carefully. Starting with the head we were much surprised to find the eyes situated so for back & when we smoothed the feather on the back of the head it gan it an very amical appearance, with its long bill, lage upo & small occipital region. For africal out its rings and examined its loss & finally set the up on Chas. Raymond's Rue when it flut off with a whire It was a bird of this year though full

grown. Then seem to be a great number of these bords on the Island theo year for on any runble I blust serval. Near the and of the manor road & on the me that comes from Egbert rolle we mel a Basser & purchased a months vaco Under a bridge desiderata, or you might call them per bous bolivers or . As it commend to rain we ritind under a bridge and ate the desideration I med a little dog in a field as I a little day, was coming home, and be had found a little dong along the wie Ker- worsh belonging to a desponded demi - John, and it was a found thing for this same lettle dog to play with. It got up on top of it inside & under neath, and then this would become & sumps as at inbried the all the bown of an organized being how the will dog gets up on lop this great purpose monster, & now the lettle as finds limaelf sprouvling in the grass, he looks a moment- when grasping a stray protruding stick makes off acres the your towards a friendly goat, with the entire edifice dancing behind, Und now a very bod little dog across the strict basis at me because I don't never on and the . They is were.

118 1868 ramenas autopor Vanessa antiopar butterflies or breaking ther pupe stim for lodge i touch are on a wall along side of its dinysalis. Sunday file 5". Arthur and I went out loday for a walk , confining our selves to the rully of the clove. Or a tree we found there young screech owlo setting close together or on an adjuming one sat the old bird. a chimney swallows nest & one of a song sparrow rewarded our efforts in that line. The sing sparrows eggs were fresh, the nest was built on the ground The found that omething had eaten up ne of the young mud cristed pl-calcliers young that of some belonged in the next, placed on the coteles ground, in a bollow line. This next we discound serval weeks ago & loday only one leg of a young bird was to In a field grew a number of Canada thister, the buds of which were just showing a faint color of purple, yet on a heap of material duy from an won mine, the thistes were in full blom, I think then must be 5 or 6 days difference between them

Monday July 13- 1885. On Saturday . went- to Croton on the Houdson, to me W- Prage, who is imployed on the new "Croton Sake" as Surveyor. As he was not at the station, on ng to my having some a tran earlier than expected, I started out 1. I de some 4 miles back The first thing I saw of interest - was a blank of Echimn only are which I lound some line ago at Kreischerville. Afterwards I saw man specimens. Knig fishers seem to be numerous, for-I notied serval holes on the bank. of from the R.R. car I o'served many amall termels in a cretter, which must be the brieding places of the sandas I was about to ones quaker bridge on the right wand for a boarding house when I was told some of the surveyes nsited - I met Page. I had mad. about 1/2. I had made all the time migh committy of the me is me en as roads. The next day (Sunday) Page, Mr Turnbull I muself went out on a tramp, first to the priment - crotin lake, then our the hells to dixy rully or Hunters brook, so

50 1880 home. I am series of the 'elles we could me the Hondrens in the distone of the numerous orchards fin which there are quante ties of livio me to) about hit, out below us made in pritty seem. in the second of the second Id lia for the live time this case. It; make her a dri hout of years I milk called "Kurny ss" which is not un bleasant, and even body has his cider to s. Among meets, talso heard in Convert alus Sucures of a Converphalers stridulate, I think it was every, it who is read an Of earthis moreus Ciem hus but I has not heard my since I !! "owards en g I heard the Cieala is so Houverd the of the season Orioles tour breeding are still about Diales Mr. a. C. Wells reports to me the Ferrice. capture of Ferriseca tarquineus F. on Staten Bland, on June 21th Laturday Jul 18" - 5" racation day. I went to Elm Pan today on the sleam boat, is it so exceedingly warm among the beautiful climps of sweet breek which grow in such profusion about 1/2 mile from the boat landing I saw a few interesting objects my the road side I took a Theela Theela

which must be Housele, though at the " I thought it was another Lyenera species. Lycaina con: yutas is abroad Pholis oral as is Pholisora catallees & Limenitis unsular himenitis I also son a ? rapla, I think interrog liones Grapla the first are seen this summer. Bubet and I could a Bembex that had reged Vespa on a sheeies of waste (respec), and was en gil about i ils mandibles. Blu I'rd-The the best always strikes me, wo I wilk along the hedge rows us an o under 1 (3) . 1 -. Il's note is an cheen, I have noticed but very few of them m mic-sum er as compared with the numbers in spring. Yellow burd Gellow birds (Thiste finches) are very munernes just now, especially in the part of the Bland when I was today, It was acrually so warm that the birds would stand with their mouths and I noticed a number of geese who did the same thing. The yellow burds, however seemed to enjoy the hear. Sunday July 19" 1885. I went to the Joney Hearber woods today when I remained under the tries I'm the bushes until it was time

come home. Thus glaton The flowers of Rhus glabra are note on fall glor, & great numbers of Heymenopolerous musels frequent them I do not know that I have ever Ly locapa ceen so many earpenter bees (xy loe spa) føgether vegar, & honey bees were also numerous, Idali butlefly I saw the first Idalia loday of this Burrower, that is the fine me in the Island, for I would a specimen at crotin ited with Cardinal band the sono of the cardinal bird I hear them quite often, The bird, however, Keeps at a distance, and it must be quietly approached_ on order to be seen. Often times while I have been looking at mucho or solanto in the woods, or Many land han purticularly stund about me place illes throat a little many land yellows throat has come quite near to me & commend to act as if it had a nest in the vienity. On serval occasions I har looke - for this supposed nest, butnerer succeeded in finiting at -Today our of there birds acted as described &

a stick at it in order to drive it away + restore quiet; so that I might ensacet the Hymenopolerous unsects on the elder blossoms undesturives, It, did not learn howerex, & I me dis from of jetting rid of the little beast left for another place, welthing at herse fast & then sloudy as I can to some Simach blown. In a little, while, I heard the brod ioming, screeking madly as it hopped from bush to bush, write it finally reached a position near me a scoliled us before. I moved off now to me if it would follow which i did & I succeeded in drawny it several hundred feel from the place win it made it's first attack I have therefor - come to the conducion that they seldow have a west to protect when they act in the way described or at least the way be very fear away from the bird I should have started above, in connection Cardenal " is with the observations of the Cardenal bird that I found a nest which I area quili our must have been built by one of there birds. This makes & Know to me this year.

Saturday July 25" Vacation day 6 Catch the gay butterflies while ye may for a day comette un wonder time, ale no man can catche butter, lier. I followed out this plan loday in a little browns wear below latte & cuption it some this year, mosal I have seen but an Unid of Papilio & that was turner . In 1.100 this lette awamp, however, then seemed to be quete a number of derivable. ones abroad. I capturing two beautiful ing, willie permino of argynnis Idalia, also a. " my a myoma. a cybele was observed entile in copulation of the q opecumen account for the purpose of seeing if he would a mumber of Hesperians were taken Hospinans & I cam in hopes that one of them was brove new to the Bland. Reony mpha Neonympha canthus is to be seen in considerable numbers & Phyciodes Tharos is at do Phyciocles period of male! number. I got several species of grasshop pers n sentul new Agmen oftenes museets to me Hoy menofstin logan's spring brook & the spring they have dried up, though here of them then Loginia sprine;

is a small pool of water remaining. John I started out this morning the water was drifping from the trues, the clouds hing heavy & it was extremently warr, and a day infect as the bea coast - a place where moisture abounds - can only have. I should have noted on July 2 2 and that - I heard the l'ono cephalus ensiger in Conocep ia the jurden but they was have come to malivity a few days previous, for on a short walk this same every I had ence. Faturday august 1st 7 takation day. I will to the server sweet that I insiled last balunday in the hopes of seeing once of the same Homberians, but I was disappointed for their war but war few abroad. Len suplea cuntino TP. thanso an Heory replice fast disappearing, I askes saw one Heoryman Thyciodes pla & but few Phyciodes. he noticed serval dead butterflies on the wilk. inter blus 4. weed placero mostly small aprices) that had evidently been captured by the funes that but her me such places & ne are care a Hamipterous rused was

Limite distaper is abroad, Pauphelaspider saw one specimen. Hormans they she I. disoppus is also flying 1 moins. Blue birds of thing birds the becoming come on word; I reppose they have come mostly from a little further The house wours left their aboute nu the gurden serval weeks ager & I now are this bird in the woods quite them, so I am inclined to thruk that they desert the gardens for the . . . lo at least for a time before going South. It it may be that the birds I see are on their way south, where the mes from the garden han already your though ? remember that abbot says smething about their staying most of the year round in his locality. One day this last week about 5 hours 5 P.M. I saw a most beautiful orange colored Agerian but it escaped Eginan among a clamp of cal brian & was lost before in S. I. through I remember it in willesting

Sunday aug ? and . C. H. Leng and I would out today, and observed usedo and harvest apples in the neighborhood of Juvitt an: he captured quite a munitor of ceramby cidere by beating the dead branches of trees over a Sheet, the beetles, falling on the white cloth & being carely acen. Neur a little bond, which was made on the sile of an excavalent for iron ore, it which was surrounded, by a opener of Equisilian we captured. Auch hom many openium of Omoplarone. This was accomplished chiefly, by pouring water on the bank-, but also by distirbing the surface of the ground slightly, in the namely of the Equirelin dens. Then were also many other beetles or a ring youer Hemifolerous muset was found - in the ground's about The same locality. The Clematis is in blossom > the Rhus Clemetio glabra heads are of a beautoful crimasur Films . Thursday aug 6". I would out to the little swamp near Silver Lake this afternoon and was much intended in looking at the musels dead + when on the Claselepias that grows in auch places. On aug! (as I noted) I found some butterfly

Dead inself dead on these flowers & americana . P. pe in in Useleta, & a. myrina bound dead by a frieva whom I met). Today I looked particularly for there dead insects or found a fly, & two Agreenostern, me a large Crabro. this is caused by the rasacions insects that maide in these flowers, I would for the parous in il that is weather then themselves of also by the headings shrichen hold the headings which hold the wines of the pendings asley reiseels as leefs on these flowers, particular he, Hymenoplera -, 't today I noted a d' Ti my me, a Bembu o 4 serval -They loplind octiveror is abroad, Smaller Lies. Mylof lera-I having heard them this erry for the first time this . The white belled swallow is now in blocks & man be sen Swallow -Searched on the telegrafsh wins along the road. Day of Gew. Grant's Juneval Aug 8-g went- to new Dorp station loday & so on to Crooks Point. I took los of Hespina a new S. g. that I do not recognise to as having seen before The insect is dark brown on upper surface, one of Hespinan ? (P. mascaral)

the specimens having a pew yellow spots. On the lower surface of the second four of wings is one larger inquelar spot. · saw the same ant-how out Chut line Crooks Port as I caught on Coney Dland last fall, but the speaning it. de off before I could capolier Masses of freal wighing mane int masterd founds, have been washed a long is in the Media way waros the meadows by the godal tide of last fall. On these barre ball- meadour, and " long anto on Sult distance (1/4 mile about) from the meadow up land I find - many anto & their mesto, and I also downed a tours The white bellied swellows are in & in places the "nax-berry bushes", on which they rested, wire blue with this forth Sunday aug 9" 1885. Today Hoollien and I went out walking and - ; finished up at Fair View Cernetary Tie were blee. Reonympha carethus is still flying; I saw one specimien. Limente dirette of I. ursula are also abroad. Chat forius is blying and I sail-

Kr 1222 one - openinen of the large Unax Tur longipes I took served years ago & have oupposed it to be- 3p. long per. It has a briefle sed abdomens. Tohile un were bicking huelle bernets I somed - a very gantastia calespellar feeding in the wild cherry. Aures calespolla. . It had live long black homes This calis pellar was I was mother, with brown! the ground after butched our and any 21 th producing color being lander. ". Limenitis ursula In the thick woods it in a plat form we found for Hollick had discovered it last spring & showed it to me Treet trafo today) are mused trap, Her did not on The woods Know what it would be it brought areto look at it, as we were passing in the vicinity. Evidently sour careful collection has been in the docateling There the brusho of two lives rebbed against a di each other a carily lad - been formed. In this we found a flying against execute with which we rought in the insel-met y mig + the Kollow contained any young out a few dans od. In Close ralley we found servere folants of willer albino flowers, it was 1 China Brudlegs road is one of the larger of this plant that I have seen s Sunday Clug 16 - 1885. Friday Mr Loggenburg Merrell, Hodican myself went to Jom's Rear H. Ja, in search Of specimens "
After learny, or just about atYake wood the country takes in " aliste. 1- aspect from that would have I the time bann gruna Valera here supreme. Whenever the pines have been and along the R. R., is the woods cleand away back from the by birches a few outs re though his his to the started out . Buturday morning from the hotel along the with , a little four the bridge or then across to the R. A & to a pond where a great many plants were collected. Delids, 'm or the species of "Sunder" or coullis others were discound - of Merrill raid that
the he had added fifty think plants to
this state.

I noticed a seculiar growth of this time
menus of the seculiar growth of this time. on the security of subterme him the houseness

the retaining as much moisture at al this roots as josible. Most of the meets, or at least " great merry, were suche to " not - 7" roller us have, but I took a few drager. theo that do ne rooms our Staten to. · Fannophyse bella , & dies spices of & plax can be included - in this list. Odipoda meerda + O. mantina occur far back from the river in the barrow fields, (-ra. berrees grow in profuseon, and in me of the sweets I captured - a-Espesies of Orchelimum that I have new Orchelumin seen before. It has a red sace or Papilio Front. Pubilio Turnes & P. Troiles abroa!. Al this season the huestleberries can be rathered me any y antity, they are so pletity I the "Kuce high" black berry also has good fruit. There is also a truling black-berry growing at Town Renr . That I have never seen Cowing home on the train we willied fish harok, or many of their had birds Fish howork setting our their Sides. They looked to us to be young birds. numing up the oil of a barn, & at

the find, where we collected - oo many plants, I captured me, that jumped. from a dead linete of tried to make hat dieds an numbers now I have heard there for some time on the Blanch & they were plentiful at- Tomo Rever. Feducaday august 19th. Tom's Ring tripo Torond los much for me, and I have been the cause a rating I was that I had better here being sich , or will their aprind, at least, one of my precious . le ays. Hemans out Hen in thysbe always remas to me to be non than a gay & sporting med flying from flower to flower with no object in vise than individual_ enjoyment. It replears to have a definite: blesson to another; though have me il- brok in bleasant semeline on Surrach learno. Un idea suggesto itself just here, and that is may its larva not feed on this plant? Heile la. I saw a deilephila chared by Discorres anglish the other morning. The abarrows were unable to eatel it it -

the wing

6.4 the foolide spinis flow wand grand. Unitoriums it approveded " meac. 4. Irintimed. Le broks so the moth made off out my seeing the whole- if english dans 'es English spanous canton ab lilico extend to very cargo missels, notably have of accorde flux, & today I saw a parire culete. a q Cicado by the ring & hold it will the main rile was love ten, when the boor mout could not thy. I think e gan at the beast, I made it het the Caicarla - 12. That big Conocephalus that I have Ceno ceptralus ma hed robusters is now it was robustus? Saturday ang 12 nd. On aug 6 1 found a critic peller of Danais archippus on the aclapias that grows in the swants I brought it have. It made a clay of m a few days, (z dy think after getting it) & as soon as it was hard enough 3 remond it , I mounted it on a pur as I wroted to preserve it for the edlection. On aling 21 this chrysalis was a very dark color in the morning & at evening I found the margo had to get away as the pin passed

through a partion of its body, viz. the. second segment of the abolomen, as for as I am able to make out. It does not seen to be but it in deep", or un other words the pur does not when the obdoner wither center of the segment but more towards the untral surface - To him It is hardly necessary to add that I the musech is greatly deformed. Bu'lineon Ond. Wir au. 2. " heard a Ballemon- oriola & reveral days formous I also had - my alterior call ed to one, by hearing its will known note. Any 25 Tuesday. To look out of the window now would hardly think it was an aug. day, it is so cold and stormy. The word comes in through the exacts in the window, I the ships in the bay lin to the blast of the Jumes d'orin. Thursday lug -; " 1800. Jesterday wel today have been very cool - for auc. and orrevals can be seen our many people rlong the streets. Fall will some be here with its dark though beautiful days. The grapes are now turning purple, & the great mullin statks in the words or waste places our bonon & aged, but it will

be their lot to show their heads abore the writer snow when the plants green today well be undestinguishable unong I noticed yesterdar goral numbers of Lancaro wrchipper ... the boat souled. Danaco. ions the base and there were also many white bellied swallows or one chimney While belled swift- flying our the water, allong a swallerd , rad, as I wasted out in the afternoon, Chim was awall obse ved may Dena, or monarch but. lestier on their stoute, morning wings, or in one place I counted 20 plying about serval - tres. All seemed to be flying gradually in our direction, towards the set. What a juful thing it is to be in good health & what pook fortune have -I had in this particular of late. at the moment I have they head ache penden to a deranged lever I see clouds yspeek floating before my eyes. The pain me my right side is not so great as it was it is tree, and then for thanks to tandora for shitting her box so quelly, I have hope of being yet well.

Some how the spring birds always reem 1: de to me tic the musting of a found, we side pleasantle . few writers as share if the land, and away show as the birds hat we have all the year and become cost of fred! neighbors, on whom we can call and expect to find alsime. I know a palch of would where we a crow builds it's mestan do pear bore when a blee bord vaises its - brood in spring, and an ancient ollow apple lumber when a that of the hand will "se... the presence of a little sorrach wit. Oh my land under trampo along the sea alon I meet the crows looking for cast up trasures & who will say that these ar- not the same birds I. Knew in summer time! Their success as breasure traders is greater than name, often lines for many in fine Lady end" signed for the last lag, the missing of mi or may be nothing but some or walls remembed of the mee parted to contr. However, the bird was hunge y and 3 ought to be willing to sacrifice .. I are to ouch a course. I'met - there

the black raseal might - have cali. a lette more of that Horse foot erab, if not of the enalure from whence to geto do name, and left than level, for me, as the agent of science on I hear the blue bird call its and the out is at home in the day time, though he spends his ening out if circumstancial evidence in " way of departed nice go for any thing The character is also a home bird, is bird of our dark willer days, and many a time have I seem it holding wood peeller like to the small branches of some shittend should, looking for the moselo or their eggs that an hidden in wood & cranny. The unimals that here about one's home I think will always remain higher in the scale of personal relevist, for the same reason that the few de your of a bleak cold land are much more studied, and much and goard for them the rast host of beings of a tropical and

. .

Sparta ang 31 (sussex Co N.J.). In a second. Is fooda clong small room, in the front of a small house on meadoro St., I find may self at the present moment. That troublesom line of nine, has bright or sent me her to by if possible to our its illo. I walked about a little on Sunda in quest of natural objects, though that. awful ram, that How thome complains so frequently of , left me housed or piagaiged in the moning. Popilio cresphonles, argymus cybele & a. Papilio idalia trabroad & flit about among logymus the golden rocks, & golden apples that las so plentifully on the ground. I am forthy sure - for I have carefully listened to them - that the common different Leicuda Cicada hen, sings on a little "Key, note from ours of Staten Island. I (different apecies from the an common u.S.T. han heard a few, that mind we exactly of those at home but their any is not as fraguent as that I have described. de la r die to to the glor anall as and so it tist at home. (Cionda canalisadale I found today the pitcher plant your ing in a swamp. I was not man that 1 and the second the s 70 1845 are come or money the forms southwards I sholled out along a road that I had near been on before, & by and by came to a church. In the undow the was a a church light & the und of voices devoted that some one was then in. I down near, across the open lawow a peaked in the open door & observed a few gettiend in a small now to surg paires unto god But they stopped shortly of I securpend across the lower lest I be away ht as a spay at the door of the sanctuary : It seems that the fitting place for me me society, is to be an observer, ratter the an actor in the pleasures of businesses jumes and word some hord I do not see a to our or the track of life, in the same way that so many of those about me do, but find the greatest pleasure, the fullest olian of happiness. chamber, in the small re Souta Sept 1 - . I walked - out this would with m. Osborn & just when we would sauce truck again. It was towards that it was towards

out near that place. I did not note Sparla my thing in particular, except some very beautiful hills, or perhaps 3 may call them mountains. The country 4 particularly the 2 vamps by the way aid are beautiful with the flowers of fall. In the afternoon I went along the along the Meaderer road to its ene - 31/2- m. from William you Eparta. I formal some- splendid apples & met and kno worny mee dog's with whom I played. This same Meadow road, by the way, is the pretter one that I have been along with its titch of farm and - 4 the meadows or Briev range of mountains on the right. Then are many fine clear brooks coming from the hills on the left & flowing across the road down to the great brook in the valley. I talked will an old man who nows fixing the road for a long time I he told me many interesting things about foxes ducks & operaum. He sans the - rattle enames are not very a me Rattle makes and was but the coffer leads on quite + copperlucis clustiful. Hen the men you in the mea-Low to more they carry onions with

12 1151 and I the right the now. It bed to bite out a new that to and the state of which the right The the search of the time and is the holder on all agents de ?! le fir to ext day the to intermine the the les, & it wishes I be sentitled no. There we to he sally your ser bad that I were the obligate to come in the hour . he then fell in the book of found the analis to the died the the tratter. Con more wire I so little no along the ood & agrocis le ... Algrolis or a pldore rod. I salay sept and. I want to ma no Parel today & captioned a few insel anto nesto particularly yourshoppers. I also found menty too ft. light quite consist. The to not sum to be very numerous, howe as the days are jude cold. This afternoon I walked out in the stample road & captured a few more granshoppe 4 cricketo. I thrus a some at a hollow tre & out jumped a red guerrel. " forme upon examination that this old true has four young squinds in it.

Thursday Sept 3rd. I won't this monning to look after the squirds that I found contained that the mether of de supposition to be correct. in I was mable to orio time, & this Il der a A sa siert rollen los I of un Amblystona spacum, the , ... one ? have err captured, they being rare on '. I. a few mas hoppers & crickets complete the This the noon I visited the needown mountains of lad very pleasant line the tan woods & pal toulder · in in the second to the states rock near the summed of one of the hills, fine which I could see the country beyond. It was very beautiful I got long in the pleasant suma lunger searlet out tree had fallen from its position on a stone of quaty est. It lad proposite its Comehes, being a the Celle wall, front too bear of it is to whole

the true sell. This is care when a equal the red or work up in a brue, made a que el mo morse than I have ever hear me of the beasts make before. To. abottered - for a long lime or there seems id to be ensiderable in what he said if the ran itous in love I war ... cor: f. my thing in squirel barlence. i le be abrud i s lus places la amountlo me thins. of also . He especial butterfly musluour to Palle tira my collection. Physicale than so still aboad, us is arctia arctio ringo Frican Sept 4" 1885. This morning I worked on one of the wido, I lay in the warm som shine for a long time so bleas and was the day. There was a great black-& wellow ichneumon fly, the name of which I han smother, that I watched with intenst. It flew from one white-birch our to another, inspecting every limbe will.

fortunale mongt to see is discour a fence ranay. favors archippers no may be seen me great remoters, floating on out doutales wings high in the air, almost among the swallows. It does not beat to wings but an with them with them spread in some what the same way as a hawth. The "to bloto fort" clover grows here on the hill-sides, while at home I have only voluce - it a sandy growd near Tottenille. Potten elle. I found a few huelle bernes today though they come to be generally ware in this locality.
I observed Cistudo clause 6,
eating a fungus. This specimen hadleistude clausa red eyes September 5". Like last Salurday blu arrowing looked like rain or by 10,0 class it had some to that beautiful state of things. Rain is all very nice to certainle very wreful, but can never be considered a charming date for a summer boarder. However, " mailia

out of met. very claring dog with which I had a freezent time. I sat on a rail fine 7 talked to him for a long while & would have staid on that very same - fence for a well If we no I long or provide it it had not come Monday Sifel 7". I sal on an old fallen apple line loday, in the sur - blaged with two specimens of achela vittala. I would polle them iledil with a strow, which they would run after for a foot or so our the apple low log, and would by to tite it when en they could They shoul a great amount of persist ence wenter afforts to beten the stress bosonied & an ered me greatly. Coming home, I watched some how, bees for a long time as they counted or a talk of golden rod 4. I could not tut many how careful they were to get all the societo from one il of flowers before going to mollier. Between the wickels & bees I spent a pleasant morning & went home thinking how much som be learned by rimply wither

September 8th. This morning of wolkled out it the children, as I have done on many occasions, and never with out their seeing lo enjoy it gratly. On a cedar tre we Cacles found a colerpillar of Cacles surperialis, the first me I have Cedar end taken on this tre. It was of a very dank green color, almost black. I also discovered _ 1. brown calirpellar on the trazel which I thurst foroduces a trapla. I have raised it before but - have forgotten the perfect queding this on - . It did produce a Grapha) On a small cedar love we found in Danais which had just some go near by the later on- formed winds of the lattifiel green alongalide with while the childred were gratly pleased. In the afternoon Mr. model a boarder, of I went to see some friends who one cambring in the island in Moris Lake. For cut theme fire wood & helped them in other ways all we could & left just in time to get safely home before the raine.

78 1885 repte bee 1 - bd wley. Mr Frond & In to be the mill loday & purchased some graham flour for hun Smithbut we could not go to see the Campers out at line us it rained For the met them down in the rellage burchasing the necessaries of life, the consted of enclus molarass andles, coffee in few other packages the contents of which I did not enquin about. Mecessares of life - \$1.19 This afternoon the weather was pleasant So Mer nood & I went out along the neadow road. In found are much tembergie terte which I have envise ch. lopus around in my pocket & which at muhlembergu the present time is making a great norse m my waste basine. De also captured serval tre-crickets which Unide differently from the common adipola Un Adipod carolina, q, was observe laying eggs in the road, but before i observed what she was doing exactly, I operations on her part. In jettly admind many forely things along the road, particularly the

Sparta N. J. beautiful thush on the cheek of an apple which we noticed in a true Our moth, nation had indeed been a beautiful. hind to it of made it beauty relighter many offiles but how much is I the god the At able, & the color is a fied to the hunto of It's but law you. To its mileula being the fire it and all its let so, and least would be have many to be ty a late the inclined it tim bleed it are a lendwith ito les fortunale companions Friday Sept 11= 1 storday was Storny so the owing amounted to a very short ill. Poday was fine hours, ar alted to the Meadow Mountains sund der te red mel a ved open on a will. For about /2 hout I stood and watched this squirel and listing to its chattering. It still an its hand less for a leg line heeping up all the dile the judge more ments of to tail & other demonstrations of ils uneary mind. It was a weether + no dente had a me tom the oremely

In the constant in both where I found a flying squarely met which autained only me young & that a young indud. The mother fleel to me advise a live of I I sted in the nest which was composed of Chestune oak leans in their green state, and also a lette long grass. Angumes Cybell is still flying & Trapla mas seen on the go Chestrul- oaks are common here with Chesi itt some or the varities. This after wow a anuele. if the children went it me to Morns Lake. They got a great part of cidar at the mill all of which they drank but what I had thrown in the fond lest they about a get - low much. They look of shows & stockings & cas - a good twee in the water, as indeed I think out Craw fish In the lake we seen a Craci fire, & me of the sure fishe with a black pol or ilo- gills. He some grandesphere of value & also two species of alexalma. aeschna This ends my sparle trips, for-Spartin, N.g. I start for home on the morning trus

Similary Sites I'm in reliced and a smallown there we the notice of a section they was Car we have a such a such as the such as the such Enc. On this 25th the cal about the ince is has become a nursance on account , steale. victual, was taken to the vicinity of hear Doylo in a tasket, where it was net at his 1. On the morning of Sept 7 - it was back - in Cont. come back. m l'in place : " do no- suppose has lefti since. It is truly wendert a low they can find their way, for this poor bear. traveled about is miles in " direct line, & I suppose les or more by the road which she look. Sunday Sept- 20-. Today has been nice warm & surry, one of the Haid which make our returns so bleasant " as he was in the new . there the many ortaling a washo well smith in the langlish ing. Though it was mest and two returned. On mocetiflier time so reach should as against the inner

me de la lear de la contractione. It. it. " was to the rece I weeken . c. 1 the second of th and the second and the second March than the state of the sta a cold in a last character that do .. un un, thing in i'l . i elled . l l. to the time in the boy's blanch the class can i long for i the server sure; etter the interest of troute . It their to my send true " elled a rose leach from the eight or be the being mile brounders, & Which - we have as yet. or o se of her this true should ran- or who mong those of the wood of it a little white bor we in ing so though the it monte de matire très are. Committee ages. Cat birds & House Cat-birds & long tail thrushes are yetabroad 4 so we the butlerfly P. theres. 2. thurs

Saturday September 26". The have had some very cold days, & the brost touchy the Lima beaus slight a few nights past pust at foresent, oweren, it is warm & I am writing this on the pagga. I have great hopes for the morrow and do well. On one of the cold reflexions I have. a cal bird . afsollen ! I saw a cut berd dy , wil a very dejected looking ena: . It was getting deerse + collection and this poor bere' aremed in no way desir. our of oring his position when I approached, as cold did he seem wite all his father suffled about him. I have noticed before how Katy dids strictulate on the day hour as late fall, or the ene's of their days, Aproache. This same observation holds good in the rase Philloplera of Philloplera retinerve, which I have heard for the past half nour on the garden, it- bing was 5 15 12 70 ... Monday Sept- 28-. Gesterday was a chaming one & so has been loday, but yesterday was one of pleasure while today I toiled, & lost-all the sun slive apleasur of happy

Olling the for their i saw with the me de de de men en la lich uit the has the ad setting on mine from the interest of the inter have itte go a visionaled a river I will be on grad iting be i in no plance in the feel as the in the form the state the item has ingle & o' 's 'returned rather station. Marotio be " la vico b verous de el in one santy ono or an in same place when me ic: tela modesta ... d "ce idela modesta .. i'cl 1. " lastyour I supremed a word, horst heaven the day morning they were not more I your worker of butter fless were there Vap lie irvile o Papilio vivilus & P. asle ias be of among the P. Moterno number. "a chewirk can now & then Cheunk be heard, und the tisk-hawto from Fish war the new jersey coust are quite numerous high up in the air over our Island I formal a lakket moth, which had just issued from the account beside it, on the same stick.

to be in the mariles interme outloom fields I found two sinker stones it in hammer blome, but I did not look a great , for the ments There is too love to make it a mucros. On wards Pl. I captured three lane Concert heaters Conocethalido, of which I do not Know the name, I have always found these sand poulo + spoto, such us come to Crook's Pa 42 to a our good lumbing grounds to vivous i'ecces of Conocey bales. Mr this same point, in came upon a Hogen ed make which burround in . He sand no quick as he wald but over pulled him out - by the tail for mus pertion or there let there and you again. It was quite a large one, & I have no doubt that they after alude capture or . Ille un trem & mideren ver tan not yet some, for we piesed a raspa rush berry few days past I found aeriral. black bernes, on our bushes in the This was one of the harbiert branks or outings I have had for a long time 8-5-

Sunday Oct 3. d. Asthur and I went to otherville loolay but Started late on necessal of its threat. uning character, Homer, singer was bright was bright Troum but be for we had you far I commerced to rain, & finally it rained very hard indeed. he got within sheller of some small true, by there are a diggy flash of light. ming & clap of thunder so near at hand that we took to the open was -. The land in a harry of after do had cleaned up a little went in search of meline implements, do lies next- " thing to " found a few of the ald. In though good The white belled swallow is yet abroad While bellied as is the cut-bird meadow last. Dancis archéppes es un considerable numbers still an an of the other Danais butter, le. I heard a lier en singing Cicada in the morning when the new was out, t a mud- gan me a happet moth a wash was observed as trasfo (respo) and langle aparrow Eng. Sparrow

Indian Server dan & then have been a to month for people in the woods since morning, who have certainly enjoyed it. 13 Tanton, Mis Brillian, arthur J. I went to Court House Station today, i collected a great quantity it shag base lickory wito We shork them of three clubs in the too & by ranous means managed to her well a it but them we get. between one of the shelp of mucho. a from it be tended to the aguiralattend to my moderation jours, me the days of the met crucker. Dugaring who The collowing "sugaring" notes are very fragmentan, but may be of use when lutter . It others of the same abaracter Abroad on 11 1 Ledeop lengt libertrix, Calored grynear, 123 Manus bou tri Colle, Parullelia bistriana. July 27, Sugarn. Good. Homoplese (the but are seen) , redeathery . limbray (& spice way) Calcula granea in analo. Mamestra trifilio in the morning look an Egerian on one of the sugard trees. July 29 Catocala un juga July 30 Calocala ultrinia, Acronycla americana Leypper 3 ylmoides. Aug 6 Hr. 3 ylmoides

Sunday Otobo 11". This has been a lonely

88 1885 Housewar spulating, Laply gama frigiperda, (lug 20 noctindo ren numeros at augur but of common species. ang 21. Great me loss of moth at sugar, counted 35 on & flying about me tree. Partienos metrios, agrolis bica via, Catocala This "sugaring" was performed in the garden at New Brighton. On any ? 9 I went do Sparta y Strongle ? har sugared since I have not made my anole of capterno. It has not been an good year, however. October Today while it was get Red-balvery light, I saw a ned-bat flying about, and a little later another poor but that had tom its wing, The days were very beautiful now, a calm haziners hanging over the bay making thing in the destance host quele moterrous. How too bad it is to be sheet up in an Their & not ree much of this beauty & how (xceedingly sorrowful is the Moright of digning & learning all this behind. To think that white you are dead I cold that there will be fine warm days in Spring & Autumn when the herst saxifrage will bloom or the fire chesting burn will

open that a little yellow dandelem will good close to the bottom board of a force me the some, and that all nature will be just as beautiful, just as chaming as you have seen it but that you will never see it again. Climity is a great word - though rather a small one mextent of letters, a great word to every one, no matter what his hopes or what his fears. I sound Eleminy , eleminy - it schools from the walls & brings me back clernity again. again this this reetting foam runs alrong between the boat of the spiles, I then an many or large bubles & complexes little mes. Does not this represent the life in the great cities, in the exchange or when ever else you will, are not these great-bubles like so many great men, great men of all kinds of fame who live in a where will many leaser nes . about them? These bursting of there of their remain in their ylong a few seconds which will reforment the toolitically great mon. Und lasty all these bubles, both meet I small, or bubles of all ilimes

vi 1885 doublewood africating to bluggine frigureda, Aug 20 noctions my memores at sugar but it com non species. aug 21. Great members in moth at sugar. convoled. 35 in & flying about me time. Parthenos mebilis, agrotis bicarnia, Catocala ultomia Helopher remonuis, This "sugarms" was performed in the garden at new right. On any 29 2 went do Sparta y though I have sugared since I have not made my me of captures. It has not been a good year, he was October 14" - Today while it was yet very light, I saw a red - but flying about; Red bal ane'. a little later another poor but that. The ferry bout conces milo the dock or first" the little warms break on the wide of the from their the wheels are round and the surface 10 spread with a reetting four. Then an great bubles & there are little bubles A their are bubles of all ruler medicale grade I one many litra them to the differen rocations in life of the ravious Minds of men In me place on the broad opin the bubbles are only of moderate size but

they last a long time or float quietly on the surface, and are there not symbols of furniers, and clerks who occupy rather a In a little nook under the dock there are a number of bubles also of medicate say, but the lead a rather uncertain existence, & am often dashed against the rocks that are mene, as there - there represent the shop Reepers & all such as start out in a humble way on their our account in this bubblag world. again this this reetting four runs along belown the boat of the sportes, I then are many or large bolles & counters little ones. Does not this represent the life in the great cities, on the exchanges or where en else you will, are not these great-bubles like so many great men, made our of all hinds of fame who live me a where will. many leaser mes about them? The burnting of these burnting of these butters, indeed some of their remain in their ylong a few secondo which will represent the politically great war. And lastly all these bubles both mat & small & bubles of all intimums

0.

grades burst, and looking about you can hardly see my thing to the memory " heing . Saturday Oct 17 -. I walked out this afternoon as I am meny afternoons for I sit still entirely too much The haty dids an still alive, for Kaly dido I heard two stridulating. Erm the is loveled now with the highlast rolors of Autumn, & I Stand for a long time just no it was growing thank looking at year or two old. The while birches in some places were yellow (as were the beaches, while in others they were a bright green. There surrounded by the always beautiful sweet-gruy & the sumach of virid red along with a countless number of other little trees particularly dog woods, made my picture. I collected a number of acorns Mossled acoms of the while out, on one of there afternoon tramps & roasted them not good - not as good when ran

Bunday Oct- 18th Then his pay cleaned up this morning, though it was still cloudy, I started out for the chartant true , for the wild flowers , the change oriente & what our else I higher see I find a light one small line I hurched a number of elections & I also laid in a stack of hid on mula, though they is no - shell beams but they will do for the squirely he cheant is still to be seen, & Physical . I observed two cal-birds. Swallows Cut bird un also yet abroad, I saw a menter Broallows flying our me of the ponds, high up make them out I think from the with way the conducted themselves that it was the when where swallow Muy way they are here very late this year & I hope it is a formus. it a mich writer. I caught a number of poor evel il our. bumble bees that I found on my bonnel" the golden - rodo vas less. These I put m my hat for they were of the male sex & could not string) until they got warm & commenced to buy about when I let them go. Woul 2 oclock the our came out brig manne

Gull in the Gullo han appeared - in the set ... buy the first one was on Oct 19" near tay. the Room no Reef light. Dunday Oct 25-1888. Mr Sierres, his boys in I went our today for a walk. found a number of also lines, caught for of mble be a but it into my hal; brushe bees un let out their flight is very currous; they fire go about in circles a come evidently uncertain of the way. to . This was the only bee seen 'alay, * . also observed - a wards (Possipilidas), o a Monarch butlerfly numarch butterfly. I was much mensteel in dooking at a large of one of hecanidae, busing its evaluting a I think a fortions of its breatting registern, which I could see through the stan Sunday nor 12 . If I were asked to gion my mental idea of the month of nor, to assign to it some color, it would be to describe it as a. gray dark month. Today was a typical normber one - a gray; dans day I went out with a companion, and we first rolled large stones down as Rolling shows bottom, looking like minuted

creations as they rolled, sometimes butting a brie, & sometimes shitting another rock with a loud report. Chestrulo were numbrous and we. collected quite a lot on the way to the "Crystal water Co's "folant - at Bull's Head. Pay the road side the snow bods Suow brods were to be even in numbers of many day Trovitin nesters wer then los Badula nigra the again visited the three trees of Badula (See \$ 60, 1883) mgra- growing on the borders of a pandat Bulls Head. The discovered them two years ago about this server, but havenever her then since and it was included a pleasur to see there beautiful saggy bank lines & neognite their as old friends. As we were going across a field near when the birelies grow, I found a peculiar hickory met get true that bon long tur shelled fruit is the that your sounds 1 Listouter water furtirelarly in the catotitle. It has in the to be . Thile I was luming our same stones looking for a few of these weets, for they were mostly bucked up, I disturbe

Hospironey 6 Desperomys leverspero mouse that had been enting these very soft shell hickory muto, some of which I found grawed. and then the apples - those goverapples old pasteroued apples, grown as long & without - can that They been become half wild. However, this time we found some quite modern ones and in an open space - an undered field at the corners of two roads - a fine russet, which I brought - home to granny all the others had been picked off, for though I looked long & carefully, I could not: discour unother. By the road ride, there lay a very luge & Kunk Hunt, which I carried to a cape place, when I will be able to findito skull on some future day. This beast had mor black about it than any other specimen that - I remember to a wild begun flew up from a thick med pegeons protte a in a lette theese of grass Mores in I redo un disconnel a mouse partly un the water. the water. he tried to catche it, to discour its species, but it raw off after we had nearly made a muces of our effort.

Cleation Day how 3rd 1888. Today was the occasion of a grand combination tramp between the Towey Bolanical Club of the m. S. a. of S. J. he went to Garrelson's & along the hills to new Dorp. a few grass hoppers were to be seen ? Truels captured a number of water-beetles Walir bulles & a suapping livette - the latter being girm Snopping hir tes to me. This is indeed the correct season to cupture water usedo, as they can be got now & so little else in the entomological luce can be accomplished. In Mersercano talley we got some good apples & afterward a few wat muto, there with a collection of the different species of Hickory mulo made by some of the party, compound the chief finds, though I sous a barrel or two of autumn learns being taken away to decorate the room at Monuter q - My flying - aguirel, deirophira Houbito of - "bei" for short, song or made a low chatting Sciuroplerus morse for a long time this enoung. as it was dark I could not see to time it but I think it lasted for about fin minutes. I remember perfectly will that for missules when one sits of listens is a very long time, but in this case it was

1885 a very long time. Besides while in Sussent Co (see Sept-1888) I noticed this same cattering of the red square which lasted for a long time in me continua strum, only it was not an Ino & unsuell as that produced by my own "sei". Sunday november 18th It is gelling cold now and a walk along the wood paths disclose the fact that the shallow little The weather pools am slightly frozen al- night. Britton Hollier 79 went- la Knizehenike today repent most of ivo time in collecting Concerns forsils from a clay pil-, Those found were the came as veener in n. J. at South andray a have never be discound privacely in U. Y. State. There an some forsels been at Then In L. J. Sine last, or this same as those found at Tother the which have been referred to the contacions, Then is, however, no doubtus to the proper place in the geological bocale, for the to pecimens found today. Persuino un just now me their glory & are I was in hed my good . While I was freeding some in front of a little house a small Weak voice called act asting me to "Please south pick those persimions", so ?

went away. The anall weak voice belonged to a durky child, & it was forobably a great deal to them to have persimons when the lander failed to produce show a qual many grass lefters are all and I ented a number of plants a Alwer, Jarow wild carrot closer, golden rock of an active bring some of those to In one of the clay bodo we intensted in observing the relative positions Smutting in sift of the glacial drift the gellow drift or clay. Ut the bed question, the glace de lingle occupied but a very superfical position, not being our & fit thick a wrage, while It yellow drift was much It elle. (some six or eight fli) & the line of junction was steedingly well befored. Bil this yellow drift came the clay, which at this into was 8 on o fe thick & beautiful stratified with an educal bends of blokelies. It was son this bed that we prouved the forsil leaves rejerred to on the last page, The die may to the dates of facel the Kadan bed, I am this bent the yellow drift I found parigger head boulder way ling some 10 formers but mortally of it as It was such a good we that I be to regle et have & it wond never to

The flow

to long to mind the ante so of a rock. People an very much like this oline me our respect - that is most people un - for the mon the trat. the mon they are of this word, the rounder all the myles become, angles that area stoods ret so bold & seemed to rule against all passers by. Sunday Normber 22 de This was a lord normber day but a warm and pleasant one. Butten muller & I will all with a net- la capition water beetter but " did not get many because the ast was not some some - to share the strain fact a four it, + we were obliged to be very alow me our motions. Mr alexander who watched no for a time in our effects to capture some userto, had a dog with him that was very interesting. Her dag into the hillaide Pincer : when there was a probable chi prink, pulling ·log. the roots away with his liette in a wolintelligent manny. There he wireld throw as a little dislance of them mens the in the The found a few obrysalido and a had robin amall climps of grave & much bushes

I found a robin that from elo a lead robin position had evidently crowded in this secluded place to die. Il had been wounded by the so called sports man, who might han better eater con them to Kil Earney their letter bodies. I know I do cause great members of insects to que uso this life, but I know " never take noon than I can make good use of & besides many of them do notical harm. Normber 24. Yesterday & today have been very storing, the lite vising bugh on the shore & lasking away much of the earth that the Raped France R.R. has used in filling on. I noticed that the gull, see ved this morning, to be generally coming On the flight down the bay, or with the wind; Kuping rather ligh abore the water. a few wer going in the opposite way, however, & there Kept close to the warre, so I suppose from this, that the water brass the force of the gale to a our. sidenable extent of makes flying easier when

Thanks giving lay Normber 26 1885. Today was last " um w'a' cold one l'il sur phining net a few minutes before it set bei ind the snow covered hells in new gersey. This has been the first Somman Mie occasion that I am number, where Jersey hello. I have seen sure as the Jersey hello when we have had none on our It. Raymord brothers is I went out particularly to look for mice 't we found a great run ler, though they were all Hers per only & leucopes i. Since of the nests wo " nesto ne rotten Stein po served ft. high, though mustby an cal-brie - bushes The young or - non reboul two thirds 11 ours grown & in there needs which we disturbed on the brien there " eve They as with the squinds, have a full brown of young. Some of the woodes were old birdo nesto with topo put on while others were entirely made by the ruise Mouse's nest - been built in a deserted habitation in that of listing of lister maculata.

" nesto the malerial of which these we to were constructed were runous; ceder bark, birds better I grass being of evel -, it bring wident that they will appropriate any thema that comes in their nach, In the celler of an aren't house near the Four Corners, I formed the exerment of a 12th 12. It consisted wholey blush + ils as far as I could make out, of parts for the same in acheta abbreviala, the wing covers, parts of the legs being rer conspicuous I have found the drift bring to of askinsto on other occasions, when they had been entire grass he spers or other risects. a little was po mest also same to rew it having been made by a specien truy in the to of Viston, The interesting part of it wasp nests being that had en been a pleted, at least i came to that though there is a possebility that the lover portion has been broth away. I found a nest u recase. in the same cordinor no the one desented, we the struge, piece to a number of squirels were also seen two chipminks being observe running

on a railfuce. Thingh I have new Chipment them very early in the spring I do not mumber carring erry not red Tunias so late in the autumn. This, hover being a very milal fall tide squind staid out later then unal. In the calar trees we some I we against bernal me to of flying againsts, one of a rice was what led. In another ine with a mil-, we found a love metinidecal which is into a hollors line near by fas Raymond but his have in & after poaking about for while he co. Is lived the little coaling The nests of rear squimes were ve. Gry squim! numerous, of in a fine bie we found one the da It jumped out after a time yout allipping from the to the or we followed on the ground. It downed as old sussufus milo which it retraled but - was quille polled met, when running along a rail fence surrounded by small growth it hid in sure leaves & stones wher it was turn alive. from cedar lines their barn the motor in the vicinity bring largely

I noticed that when ever a deciminate time had been cut down this part surrer Jun lean " the chestrust: and a pur young shows head grown net, that there were perfectly green, though enny have in the first has fuller off or himed bonn the trees. This plans how a concentrated flow of ice. can strugthen the life of a leaf , & tha being so strugthered, how " aun stand. It cold - of winter. e also dis correr la small estratsuplings that had completely grown logither, & as the lead been destroyed by five, I cel them off & brought them have, Fried nove ber 27". This me the and it the mig arm poly that a her Ice. i the chiellers, was dis it home. The is the first occasion this union date though I o'vid a weed ago in the little pools by the wayside. Sunday , mules & 2.7 - . Tust night was exceedingly cold - I this working the pado with the exception of the deepest over frame out. Mr. Stimul could - I said that he was ying near the touth Head-

to look a" some cluckens of he thought I might go that way, to for my days ran ble so he stopped in. The me my was all that and be desend, itwas cold but there was no wond, 8to are walking it did not in the least chilly , The rolled sore lives over the frage The freezeng - inface of the ce bend that comes to of founds. the edge of the I m bille road . I this con was so theet. that though I throw a god s'me leight in the air yet it only trought a lette water when it struck the we I did not go through und had expected. Below lake, being a much dee found, then the enferred to, had only a slight border of we. On me. hear the Little Clon road there is a mouses nest that I have looked rat for it is past three winters (counting this as me), on the two first - it was me the same mest (See Murch 8: 1885) but today I discound that it had mund to one near by in the same lette clump of bushes or brier, which is not our six or eight ft. ni diameter. In the same locality when we captund

a mucher today and it was very History amissing to see them men at gette brunder to applace of safety. They seem to have regular brancius ale a atil the world scarper in their wanderings alroad for today - disturs mig a beautif e mouse mansion made out of a callindo west, with a and a deck top of oeder bust , live in tiriducato rome out & each took to the same branches in running was. This would not have been writing of Habito of remark if are mouse had gone trick How peromy s at the other but suche was it to case then being a course levalle ! !! between the exil- of one of the In the same woods when the mice were Hickory mis C. alba which bor - very large one one of which I have rought figured. The six horan, so quite cornet. The large hickory med which we v. A formel on nor 12 1848 was the chate of the one I have me Ned 17:0.20, and was also the find of a young true. mean the history met, I have shown to

as hing discound - loday, I also for the largest one that I wenter harring enr seen. The following is as comet a drawing as I can walle in ford the man mr. Sternes was looking for in the mackellar place, he living in the gardners house about 1/4 of a will from the main house which is now deserted. It. house en ly mer unded !, woods, & wallorchard being an front of the door the general as pect is woods, only two or perhaps the houses being made four his birch. he a told me that a a one was dietars this shing, but was filled off. Though I had to draw him out encerning the birds & bearts 3 did not succeed to any great extentas he wished to talk chuelland, However, he informed me that show gare him no trouble about the place His name was Mr. Johnson.

Dunday December 6th I notice as 8 wall through the woods how the con luger on the lower limits of the lines, while the upper branches are bein-& writing. This particule le the case with the oaths & breeks and is forobably due to the protection offers to the lower portions of the trees by the surrounding woods. Get itis not wholly due to this cause for I noticed the same state of circumstances or the hill when no brotection was given for the tous were too distant from me another & besides in the young treo HE learn an present though they may be as tall in some cases as the old mes. It is probable then for that the safe lugering for an grader time in the lower portions of the line. causes the leaves to remain in the places where they grow in summer days, though now so brown & withered, and gradually as miler gets a finner hold on the trees I the safe mostly leaves there the ghosts of former glong will sheed their obirlo with the north wind. I baw a chewink in a redartine, it was

Justirday Vloday a Kind her has buid me some currour eggs, the Some curious one of Salurday being long & think I of a red com color, while that of today is somewhat deorlar may the good enature produce serval min of the same Kind, as they an quite miteresting. They have no yolk. nearly the cornel wind Com 8 8 8 1 1) Sunday December 13". There is considerate of a storm raging at the present moment though it is a woon one, the wind being from the south. I have several times this evering underdo when the sures bords that I walched this morning for so long time. They were then in a little rulley by a tangle of cat-brien I me of them after a time flew to the too of a cedar, the whole calling a note different from their usual twitter. Som he flow over the swamp, and it was very pleasing to are one after the other of the remaining birds follows this leader I was believed a bush, & the bords did not see me nor I then mutil they long

flower over a langer of unusual built when it was - interesting to notice their sud du uj ward movement. as yet it was not answed -, though then have been some very cold days. Do, Merriane unites man well On the prospect that mild winters follow good met years, of a mild winter I that there have been alternate years in the adirandaells. 1881 × 83 were good met year, & the winders of 81-82 x 83 84 were muld mes; according to this we ought to have a jun writer, commence hunder sot, it is the first that governeys On the reasons and he come with your a Sur to but mer where chandle was by com always in value by a comfor modern is locary Heow lifterent is a willramble in this respect, their may be know or then may be nove, but we have to look close indeed to note that a few mon leans han blown off of and out or the hill wide or that the black how bernes an a lette mon within 100

there they were a month ago. When the 1885 han of boreas comes our the land - 4. Sue the season the lawn hadde logether down in the be provided to men quiet be a comple streat the know flatter fully alonely down and all nature is special- unit it. covering in a peep a's one field - alone hill side in is so so similar to a like peep as monthe hence, and the whomester of what no seem, that one is obiged to fall back on the calendar change betopening the march of init Today has been one of those cold. under plays that I have brief to deseriler, though her, Sterms & I found the roams side of a fence, well protected by the color lines & brambles from the wind when we alt our level with warm M. 11hands a happy faces. It love me real Paring mark good for see how mr. Sterins enjoys the hickory mulo that he finds, for he stops by the way side and eracks one mous & then from the store in his possel & when

against the refracting Caryon in a very often repealed sound. I visited the against mesto that Equircle nest we found last - Thanksging day, & climed up & makecled three of them. In two eider trio only - per yards musical from each other wor two nests made by flying squirols. Our of these wests was entirely made of the foliage of the eday, little branches having been broken of I worm together, It appeared to have been but recutte made & continued two eater hickory wels. The other nest was made of cedar bark in the usual way & I think it - was out - of this me that we fightened the two squendo on the day mentioned. The there was that I donated up to was the one made, or at least inhabited by the pray squared appliant by the land his nest was a very lege one made entirely of cedar bars. The middle portion being my him sor that the squint and burn in it with 10.1. There was a door or hol, famy the South or South west, & just our a large branch, so that the occupant could use this as so and of door step. This nest was built in

Secumber 25; Christmas day . Up to this time then has been a partion of the Island show when I have men been, vy about Old Place. I have often insilia the country on the west side of Old Place creek but a the ride when the houses are I had never been so I thought - today a good_ occasion to explor. Mr Sterins went with me & though the day was oold, the wind being from the horthbart , we enjoyed the occasion . We visited the old will & looked at the madiency all over the structure, cases with out muciso 報 RVENTERS · rela his na excelle Verell 4 was en by the name of GRAHAM when flow, marfactured FLOUR 11_ Mills 3.9." which Manufactured at the to laid about the fact eight or len. office we found my late of war 1895 The only birds we saw - a few crows, a flock of snow birds & a Espanon . Kind unknown

December 25; Christmas day . Upo to to 1885 the thin has been a print of he Island show when I have never been, Old ble org, about - Old Place. I have often issiled the country on the west side of Old Place creek but on the wide ! when the houses are I had never been so I thought - today a good_ occasion to explore. Mr Sterins went will me & though the day was cold, the wind being from the kit back- in injuged the occasion. he violed the dd will & forted - at. the merciancy ill wer the streeting brying in some cases without once s to make out ito use. This was Called the Summer ville Mill & was operated by a men by the name of Carpenter. I found a cardo reading Carpentero 6 Llo Eraham flour, manfactura at the Summe ille Mills 8.9.", which cardo han inteste laid about the solvicher for the part- eight- or len years, for in the office we found munerous papers burning date of year 1875 + 1877. The only birds we saw were a few crows, a flock of snow birds & a sparrow. It is enserow

The following in the only mills I have found on S. I. 1885 The mull. Mill at Old Place, on this creek of the mull at a find near Bulls Head now almost whiley fallen to new Grand well tells me that - her brother in law, Mr. Crocheron, was suployed then when a young man. The ricinely is sometimes culled "Chelsea Highes". Will at Richmond, back of Star Rouse St. andrews Change Will at Richmond on the standing & which bound mother says was also operated by a relation. Resiland in Mill near Egbertinelle on Egbertinelle and now only a few timbers vernaining. Will on Great Kill near foot of relative lugago. [Lakes Mill] Mull on poul, Known as Brittons his And", sometimes used at the procent day Will near Brudleys Road, neath constructed & occurrently used Four of these are tide mello & the others are it the out let of purits.

the me at Egbertalle, Mr. any R. Grote Mi natural is , used to play when a boy & he has flind bold me many pleasing stires queer bealo which he found in those days about the structure. los the there was a f of low one recareon seeing a lame la with a cruth batting in it with two companions. This was about 1870 I giant grape rine gran here () are not serve but what it still does, though I have not seen it in several years, one so harge that - it was worthing of note. The days of mills have past on bluten to . for men again will way grain be raised to keep one grinding the loop her been based & the grain ground & the old bearns an now full ug apare , for the wheels in there old title wills will near lum again Every Christmas sees the mor your thicker & enny clinishuas hears the shirt whister of the locomotive more of the Matural History Notes de

M- 9. Davis, Tompskrisville, Statin Island

115-127

1886-Learned and January 10" 1886 The morning of westerday the original westerday the present westerday with the subject of the sub a storm. to get on board of the to get on board of in tout so high was the unds 4 the warr. Then we had got a little way up the bay I where' a Sharrow on the mand in the sim of the boat of I do not throw wheth, I had some from Station Island or had come on boad somewhen in the bay. I calso noticed por flying against the wind up towards the city, I it was interesting to see what speed the want while the word was blowing so had. This has been the only mon shown this muter up to date but it made up for all bast neglect. Sunday Jan 12. It was warm today, though the mon laid quite deep on this ground and primited a very extended ramble. There was a line yellow bird, and a number of others belonging to other ofeces. a

few Cecropia cocoons, and some under trids empleded the lest of my finds

I ate a number of vioumma beames, which have great to improved since the hard foods refuel . do not remember having ever ealer better ones. Saturday Jan 30". 7 a.M. I went out of down just now to feed the directions, & The song for heard a sing spare a sing, the peril of Dings . the year. This is quite early, and as it is very mild weather for winter, I were in hopes that its there tokens indicate an early spring. Sunday Jan 3/2 886, I went to new Drop station for the weather was fine of the Bland. " rous cans levable suon last energy a moist character, & all day long it has ling on the tree policing a most beautiful effection. The heart along time ago, upon the authority of a negro cook, that a grad him used to breed in one of the Sommers on S. J., in members . Recent. I was informed by Metathew Taylor trace a found had told him a story to the same effect of that afterward legg or how , was in terested, &

today I mit to find the localety myself. When I had arrived near the place when I thought the ought to be, I unquired of some of the people in the neighboring houses concerning the birds for I had beard that the who were surplyed on the Wend R.R. used to eat their Warge immbers! was dended I istur depeny, who did a great hu ling they said, & Knew - the nature animals. I ded wo los & after he had Kudh next of night item the auro off of me, I told State Island Som sol about myself & my desers. und he in hum jan me much interesting in formation. He said the tirds bull a little way back in the woods & that the Italians did all a great many of their egy at the time when they were implayed on the R.R. & his boy also stated that some of the neighbors used to collect the eggs trat them up & you there to the cowo. Mr lipery who has land in the vicinity all his life says that - the birds came to the spot only a few years ago of that

be eatled them "quaets" & I see the names in Jordan's as "Squawork". Night - Horn This wife in formed me that they were particularly no sy un la mornings. Mr. Doping also told me, upon inquary, there he had often Killed opersums on S. 9. Massur. in years gone by but that he hant seen any in recent times. Under a hay stack, he said that Havid Dimenson remond theo last winter, he found a dead con, x l'acco. he I new of several that had been titled in il hox comparatively recent years. A fox was also seem either this to last writer, I have forgotten which, by some men & dops who were lying to start a rabbit. I will out with two of his boys, who were remarkably quick in seeing squirrels trueto te my the mow to look at the nests. They Might Horms mere in leed my plentiful & counting servileen with mooring from the spot where I stood . by were in oak trees and placed quite light up, or in some trees there were two there wests. The boy's showed me a nest in a redal the out of which they had frightened This course gray agained on part occusions so we bored it with a fole of this time two of the course of the second

them for a while or them I them I them three times fact without doing my lamal as that was not very intention to least in poor bette beasto. I met a young man on the RR embaust ment as I was soming lowards Bulls Head - he going the same way -, where also gave me some my stime. He said that are of the Palls had Killed an opossum one Oposo um sor 10 years ago & that was the last one that the ad heard of . It man who had Killed a rubbil - some fow days ago. Rabbit unbryo upon dursing her, found an emborgo, thus showing that they make quite endy in the season. The line of a shooting rubbit in ... I saw thre cardinal birdo, and they were indeed my beautiful as they jumped or hopped about in the bushes all covered with more, their vinid color contracting markedly with the white. Haust a large haws me a loulely orchard was flying up & down a bedge row, and a flock of robus & another of ceder birds wan observed on the terrapite road. Then there was a number of birds when I do do the rather one wear the flower of every think the large one wear the

Tuesday Feby 9" 1886. This is a fine morning and 184 the song sparrous are singing. as soon as they oning sparens can get brath after one song their start aning Landay February 14". On overcoal was , almost too warm today, so bright was the per and so pleasant the weather . " , . and our the little & in the swampho, some being Knee deep in sweler smuch, for the past or wrather has flowed the country a 'cargo. . The s' with-oablage is up the. Skunk-cubbase Hylar perst Pupero (Hyla beckernint wer heard . the there birds are abroad in numbers, and. Willnow the nilling, that is about the pordthe season come chestims in the spring no someth 116.1 . 1. ma new to me that is to get them in Il. men oget today I found my boetet Con cuts Phus Burnach (Blue glabra), & the boy "that was with them said that the the distriction. This same boy had a very rice log with him it. ier Frohu I first put my arms round his neeth of looked into his eyes he growled, I let him go, said he needn't be across beast & walked away. Soon, here.

he came up to me looked up me my face I licked me hand, so we ma friends, I both was - sor that we want enr been otherwise Somewin me my back notes I have spoken of the crows being in great he down munterso in certain little ralley near commution the lughest point , & also making a great noise on the occasion. " day " !... "tem for a long time, , finally in the afternoon went to hunt them up. I found them in 16. same little vally So I think it reasonable to suppose that their famile place for a meeting. I again visited bi. mouses vis' near Hispermys + in Little Close road (spotten of on nov. 29-1885); ito ways it contained two individuals. I approached it on canfully & posted it will may Junger, but only enough to cause a mall head to appear of finally the whole bade. The nest is near a cedar stemp abouts 5 de ligh, & the whole is in a laugh or cal-oner. Hespermy & got upon this strings I looted at me over its top, I as I slood in a hollow it was considerably above my a run earnest derine breaching we a

havene against water or my tinger with the nests belonging to innevent mice. However as it raised the discourse in a watering it knows I could not believe it was enter by in carrest. I tried to give it a piece of bread to afterward & mo - lea to a large on time the death about a good way. I touched the next again and out came the seemed morse, which took the above ground route to me we turned which, I left the piece of bread . . top it the route certai slump & look the one ground no. self in search of fresh advertision. Il must set or levelle, jumped in a amold fond with a great of lash as I approached a pupa, or may be at was the larvar, of Chimoracephala vindigasciala was lowered It is very interesting to see what a seatored busies, that one can similar see through so and and there Durice of Enou remelie as muster, with to lowered o prolieture de autor lieur vas farin. i them . " think the hint a ratury

Sunday Feb. 212. Natur 'a not made . de the same to see you were to to Sometime. Inda. It was a second that " quite with little and is cer ...! very cold. I went net to will Ho evonry. arthur Hollick - show him . Hermany that I visited some wells ago. " - were und be to discover anothing further Man what I have al . I rece ded the last broceeding, " mento ... then shaled were built in oak a (swamp oats), and we obsered our in a while is to the the there were In the same spot when I observed Ca. 'neel birds on fan 31ct 1886, I saw them again today. I have noticed as " that " ha we in min of interest to markets and of in the wife in mide when I has your on any term to do do a the Willer rearly sporing. I think from what I han observed, that is him is the spread or the country more, for all or seen the birds which I have me. noticed then being the adder months. I want many practice out about some uncient locust lies and

ve. the it was the paar had not here her be the the flow we do I I will in Monte I dear to the interested in the way of remove a list wet, it is and it the tree the second of the second and the sale of th while those a mi- and is were die the immer its from the side, hear a third locust ! . I found a grat-arrang them went er on bluells of the · er Carya award. in ald orchan near Richmond stee hollow tres was * ities we forms - win in we the dear of it to retty the the sel souls him in a ille we are the heart of and the second il il was de hell a first of the first list, that we will be the second of t to some back love haled like one & o' healed up a heafer he visited two waring burning and me- a high hill near Rechmond x the other new the Men ...

hate down on of in inscriptions or corses which the stones bear an the first of these have my hand were so cold, but the stres were enclid. to the mence of celler a Redel or a Decker. In the ground nem. the Heronory which is an ancientor chare now grow up with forest trees, & while commons a chaming view. the great sall meadow. being near the borde, then is a stone existed, to the memony of Jame. S. blecke, wir deal july 29 - 1839 ugad 7 & years 6 m. 47 d. This was is also on the slove. Hen lies man la use. and fitted for the other. Old house or the ule lunch in an old house filled opinning wheel with much wear the burying ground on the edge of the meadow, I used a brother old Chiefe boy in new Dorp station telling about another lettle boy, who had been in the same istitution with him. "He works. up in the morning & found his mother I father dead - I be was frightened for he had not there any thing about death. So a police my

onefo Musville Staten 20. January 8 - 1886 Mr Lawrence Bruner; Llear Sir, In response to your eard I have packed up the few specemens & send them with this letter. I have not us them in sa & he I do not eve al man examine them con bar at rely in the fall whi I sould not do so well if they were not; in a side by side. When in papers they seem to be some what separaled from the queral dock and you cannot take them in no well. il is a .. tod ilan for the accumon species, but not a good way to fix the specimens I wish It send to you a It has Just struck me that you may have forgot = hen that you adosed me to put them in sayers, which adire has been the cause of my continue so much alor I de. While on Coney Island in 1884 I captured a number of dange species of converts hales - you thought it might be confections - >. though I went to the portions of our on. Bland that closely wearfled Coney in their make up , wet I was unable to find the moset. This year i was on his day

(the western end of 5.9.) when 9 thought I heard fam liar stridutation in edistance. I went questly to the spot-I then sure enough was the same usect that I had saplund on Coney Bland. I wikeed their waso, how exact. the natural feature of this lette scrape of show cornsponded to the place on Coney & when I had captured the used described. The same thick grass was then, (it being about at him other places visited on b. J.)4 this probably had more, than any thing else, to do with the fact of the grass hoppe. being foresent. You brobably have noticed with facts but I thought it would do no hands write down wine. "he only place where ? have been able to discourt author species of Conocephalus is in a rach of swampy land bordering a salt meadow - in fact the puce I speak of is probably often our flowed by the wars, in the spring runder Tourtieselarly. Man you got your specimens of Emouphalus named yet! for you remember you said you were going to make an effort to get them identified I enclose there another, but ? It is.

the was it of the same species. I read in the Standard hat. Heid of that - Gry blue buchion 1. abbraules 9. replectio 4- 4. migra one in the middle states tricinal . Then he ? han tred to the sharps to the I abroad yet I have med been able to find monito refin sented by those sent. Parhaps you can tell me amething of their habits or the places when I would be likely to find them as * P. Mantice you did with Paroxya flidana, which the me 12 I por id to summer in numbers. The Libhidenum which I captured at Tomo Rin M.J. is my defferent from my thing I have found about bone, and makes a my loud more when stridulating. You will notice its want for or front. They lere in the counterry boys & I remember how wet I got - catching the beasts. The crawl upon the ligher grass stems and quilly get to the of house side when they i you coming, & in all seem me! she than how "her your motived. " " of this may be due, however, to the exposed situations which they so often recepy, as I have described above. no.8, I thought might be a var. of B. aqualis but - the charts are yellow in the hand legs. no 10, was andwisel - on when in n.J. by rai friend. It was taken at sugar with

D. rulgary

reserved of vite of secure to be a lief openies in those I have searly an begin. noting this ray long spines on the tiline of hind legs from ago, Two openiers of Canther nines the co. . I sinder force no y amed them. suragued they might be different as regards openies, & the bust summer I spent some time in hr, ug to find this out to my own salis faction. The is no doubt that me can be distinguised from the otion their strictulation. The of the stanted rad. is some thing little the running down fa my small dock w'en the regulator is removed, while the common form was a pulsa'ing noise or their again the student our "is usually found on the lower plants, think think that as " triductation were no different, it would simply a structural ranial in. If you are real our sure they are the same (you have too much trouble. I wow then have been bred. but the our, may not have kome into view on that received . The only insects that - I would like to get back again are nos. 1, 3, 4, -4 (lat the crickets, of them. It you think of any particular wester the une would their you think I would have you think I make to hake you search for the same if you come to have me do as in I have not completely hard you out with this my long letter, I remain may long totally yours very truly, m-7. Dans.

Toursmin Latin Dand March 5 = 1816 gan in the state of Brook . New tra. in film 23 Seria Pyralici formi Hula Edulified by Mr 9.13 Smith 1063. Harponia 29 ilonarius Line o me Mr 4. Edwards Col. agrolio di cida morr. " " " " 1368. agrotio Cupida var unala fr. " Mr d. R. Grote " agrotio mirro, Gum 13 8. agrotio Bas nodio Gr. " 1426. 1847. Perigra Fary la. " a. 12. Grole Orhodia Serecia Mon. 1980. Ty wa Unimoda Link: Remigia Acasilius Amo Konsburn ibliana Tum. -58. Storrher suna ilano fra the moths man in represented main the ranner i co in ini iley - ichulio 79th. Adeutiqued wig Mr dell Grate I will arrow much " " " A. R. Goods en acontia candefacta Calocala desperala

Francisco Birthday, odny is mile un. & pleasant. I wantend alone in the word to the highest point of S. I, ale a fewappleo apples that hashed like eider after their winter free e, and were very good There was also a few chestruits on the ground & I found one that had standed to grow - had a green sproul. On fungus grades I wired on several occasions and have contarty today how some of the sugue matter har - the tree or transle inclines they position. A leaf is now and their humed, and a "re will grow out er me a bank with considerable meling the much so that I have known them is gall is get some haid of thought made were but a very randy to defend to with welly described above that I think taking their size in a consideration that it is some that 131 "Sci", & she took possession of the one- in which he was introduced with the varie. He the male det not learn his look during the dayline atte on it was full of mulo, there was but my tille chance for her to require the but in him bassession

32 1886 of some 11 was. On the Turnsite I discovered Littoplane Litting have. unimoda, in a small depression caused by a wayor wheel, this being the earliest date that - I have en found it -. The low other specimens the Mel 19 4 apr 17 " Smiday February 28. It has been very cor'd latel with a along north wind "old of high blowing or about 36 hours. The sleamer were unable to go to sea for the tide was so low that they could not get out of this bay, and the boals on some I the ferry lines were mable to get in their slips. Then is also much see in the bon. I due housed today ar account of a evid. very had cold so bad indeed that I cannot breathe through my west with the exception of the times I take radent.

the introduction I benowed a & there squeet a dime tither there against to with them this mening I are over a tim can Fine to B offere on the in their for he drawl nater for a long there will it they to the state him into the it is much. " much, I district a sie soit, in the case the grand ming a large true and in brief come I it was a granulation to see the case were the modern start. while something on the bottom of the case, 4 this witer or things has listed , so in any an hour that I am cetter, tind of rulebung. Hed usday Murch and All day Sunday in day fuesday the male byin met rembied the our belonging to my "dai" & she look posession of the one is which he was androwned with the onge the the mate that not cear his law dung the daylune at he and was full of outs, then was trut very little chance for her to require the fort in his consession

not so in side her son there, for it was enter that they were still it This q is the one I got out if a nest last May, before her eyes were open, to it is an wonder that she should not become acquainted easily for the now and one of her Kind before a grai- change our took this feeling of considering each other shower & intruders, last night, for this in a all the cotton o removed from the lover Tomaller box, when "Sei" was, or is latter who in the large box when The male I she are now together. bor . C. does appear that with Equinolo as with heaple, friendolisto is for gradual growth, for now merbaho ther are happier, yet they did not woulder that they were with more acquanted before to warnet their coming in such chee matin inf The more I see & observe of squared life o ways, the more respect I have for their mental capacity; their nerveoresners I think being me of the best proofs of their

Friday, Meh 5-, The English sparrows have commenced to tried; I saw one pristing up a feather today. Bunday, Men 7: - On examination of some tree stemps near Green Ridge, gaves the following 2 '/2 in. Coulir wearst the worthern side 100 " 25 in. Pase Ines " wear middle. 95 " While outlor 29 /2 000 113 " yeary rives " " " 106 " 2) 1/4 in " " Trester west" riche " " 200th " 95 " 28/2 in " Screthern " 100. " 99 " Cut the in wasque about 3/10 moles fix Convaging the alexa will give each your growth or ming, or 3/10 wich added to Two a sand, feeld I found an old bons button with a star in it enclosed in a ring Indianinfolemento. There were also a few does in the center of the star. Ulso a number of Indian implements. Then was a spring near by, and this with the sandy sere, probably altracted. the Indians to the locality: The night beaus built near green night hemms. Rioge last year; a few of their vesto still remaining. They were built in Swamp ouses, and then had been forty (about) wests built me time and another.

many of them in an old bouse. I think Flying squirmls the funale flying equind is the larger of the two. (a floor of birds - apparently red-uniquel Red unged block birds. black birds. March 11" I went out on the Tumpille this afternoon to find if pessible the bals, that whatil' and de barn in wenters eny Summer, He old German, who has charge of the place was in the barn, so Cerolina bat. I got up to the loft - I loved as therough us I could but and not see any thing of them. I thuse it - brotable that they stay in the burn in Winter and My way be under a piece of flooring, where there is a space of about a fool; sufficient som for them to fine me or livo large clusters. Mr Bassell tells me that me England his father pulled down an old forch, and in the open top, was find a large cluster of bals; hethinks then were probably fifty

I wo flying aguirals in a rotter true and

137,138

Meh 14 (Sunday) Mr Cliff Wheeler, some works ago, informed me that a man employed to, him in chopping down a me had discovered a outher been nest, which contained some of the bees. This limbs was kept out of Ly locopadoors to keep the bees from acriery forth, Virginica I was lat evening foresented to the natural Becence association. The specimen is high me now. I. - in a dead Willow, boaring fire in ing & contains six been 3 q + & 6. Then is no trace of cell left, the the being perfectly of en, the list however, soiled, Then were at seron cello, as is shown by the architection of the tube. of the tube. Ble bodo are extremely numerous now, I counted yesterday, a flore of living fore, Blentitul. the were.

how I am of for the country to with adminters. 8,40 P. M. I rent - 1's Totter .. the and runtiled our sence fields in which I had. "was unrueseful. However, in one of the. old fuldo that we have visited many times I found some fine specimens.

The most instite was a little-hours arrow head which I found in the borners . the a most free at ground! Here were a sire to me the time of the indians. is " sharp and hurto when its "out" is forward against the Junger. ! V completeners since it last the hands of a copper colored - master, for the most go und. I thus., was men. bound before I so the arrow heal was not expered to the weather. dramer this spanner being a melimal hebble with a gran worm around it. I cannot fell what it has been used for, but I have often in this collection which though not so comblete, and I think ment for the a large hammer stone"? with me side deetly semped in out; & three grand faces on other portions of the simplement; the

at a. nearly 4 3/4 in long & about 23/4 in high. Made of a red sandstone (im stained) Prince the above desembed specimens, I hear her more or hero intending muplemento series tod The med-winged black bird is here; I Red ung d sur a lar e flock today. In one Black devision o saw nothing but males, & I did not get near enough the others to decorn a the I have just found an Indian arms head - one that was used in hunting. as I sent here sating my lunch, I are commed to defficult strokes that appears on their completed fant; strokes that well de pped away piece after piece, & finally made that delicate in theo, so that it would be lightly to the shaft. How much career it is to make an arow head with out there nother - an arrow head for war, then itis to make one useful for the occupation of peace. And as I sil here in this pleasant storing sur alieve it also seems to me harder to hold that hat pe dalin & absolute I down & good fellowship, than it is to our in that inclined. plane which leads to disagree me its 7. Trice i me un do not aiwant

awar. Ital we are on this inclined plane + sometimes, also we are led there by another, or by accident. . . Ino. selden indeed is a charming again poise of character attained us also how seldow the perfect hunting a row. . Fredre day March 17 . . were out to Il it after on a thir day has bee so wormen of bleen it. her . her . Birds grate a to go sobins in a tong blace on 'sand in. I they want much " . us . as there Here from bie to true. Olive the Harber well when the rem have warm there was a flock of Sum brids & Sury ban wo & they recoved to enjoy such other sampany. There is also a our that callo "Chew Chew Chew Chew Chew I have reach it office times, but do not Some abor lation is the total The to a show we will in been , & the fee on the got wary time a a mill assummer. I seel of a slath of un arbanther. to hick the drawing I have weed 5 me what represents. There were four others on the same tre & I noticed a member of beneitar branches on other times in the vicinity I have some of these under other with a week put down my will not tree

.886. Sunday March 212 215 viewed this morning I has her foggy all day, however, this afternoon I went out. ande womes are my munerous & almos! , stone that I turned only andred her I, which ganess! with or wo to their tern ret captured a , butter unclear stones or also book a neurof terous used or two flying about There neuroptera I have often unticed in the vicinity of browns in early spring, & be - them "....... to belong to Fam. Henrer Juna. Last year I discound some crawling about on the snow I he ned our a few bieces of conor namure Huder in free and the grass was beautifully men beneath. and . also some mosses on a highlightimed . The. of low manning with result a commentation with a magnifying glass & I think I shall remember for a good while the beauties of me par inter-little collection mill its brush & me combination of colors. a quantity of birds were abroad the working. Linds. making a great voice, and unged black birds calling & now & then the sorrowful note of a hawk had an our plans along & I watched a number of birds, particularly erows. It was my interesting. to sit across a valle of see the black fellows from their feathers and the apposite side, sitting, maybe, high up in a large tree, & never our peeling that any one was looking on. There was one crout that white culting "you - your", instead of the.

unal. "com - cow". . On the vay home I observed a muter of crows in a cluster, or on adjoining frees, & luming my glass that way I discound a large hawk sitting quietly in a Comes & havethe birch tree. This I had lated, them a while the hand flow over toward when I was standed & a five large fellow it was. The fourthing color of the under side of the bird was a terest with some black maskings on the wings. On my rambles on ... of the hills near to se, & where I usually get under a be hed wire fence for are me if a deforms in the hand then has store a line as we are being we we have delicant him, in which I have always been interested. This interest arese from the fact that the branch marked a; has grown deaply into one of the two forses of the trush, as I have tried to show in the rough sketch that I made out in the time. The tree is not marked. by the wood choppers blaze & will som be cutdown, as wany others now him it sall lengthe on the ground of the hill aide tooks ban & cold.

March 25th I we to out this after my as the days now an anch milder, The red unged black bird is in full song and I wal for a long time on a strungs, listing to rad - & plaining lang. I only sow male. I found a goodly number of a estruito, and might have bicked ut many more, 20 11. is evident that the reminds Truin can find all they want to "les to them until berry time ever if there was not an abundan of history and gasoruh lyna about. in the state of th in the most and with the second have the solar than the fire ment of the state and the state of t in in the second of the second and the sale of th Littaphane mimoda, them. Littophane The while maples have been out in blossom for ir in maple the foust served days it makes a rash. deal of dits as to when there are situated in regard to the wour'ness of their of Come. I know of serval on comes that are much more advanced a others in the same row

Dunday March 28th, 1886. I went to amadale and them along on the shore side of the brack to Con. to House Station. The weather in mild now, and this apring is mediated forward or a great improvement on last year al- this time. There are served tide hands along this part of the shore, and they lawn for the most- part very steep brinks, along which the arbeter grows, It was me of these that I visited and the only me that I have never been to begine the banks being ony high right down tothe bay, and their sides corend with a thick growth of limber. There was a flock of ducks swimming queette, in the fond as I looked down when it, and ... thing fisher came screaming from somewhere on its upper border & flew down lowards the sear, this being the first me of these birds that I have seen this season. Al- the upper end of the and stands are old house and are il tours & old orchard, I the land aloups quade, 7 thurs down to the rarine farming me of the most charming bictures of natural beauty

Mas - I Know any thing of Walnut tres hulmuto 4 gom about the house and I found some that had been eaten by mice I mise ? think, though it is hard to judge from the nuto alone no the shello an on much theoler than those of the hielding muli that I have goon to Equiralo & mice, that they may not breat them the same when grawing. I looted in a great murber of hallow lives to in if I could find in weather at home but tid not anceast. Crows were very un revous, and as I sat cating my lunch I counted great nany flying our towards the shore. I do not remember now the lotal of there difficult counter, for it - was done in eights I low so they came by in lette floor, but fifty midiriduals must have passed And on the way home from the car window I saw a rast number in a field in me great flock, so it would appears that they havn't maled as yet. However, on a branch of a love in the dislance I saw two crows setting close together in a very lover little way, and they looked much interested in such other us I watchen them through my open glass. Querback

devila that the male are, There wine's are edged with she fo saw like paints & if they are had a sharp lait they would be contilete. In the "woods in teden " some Deformed hickory remarkably reformed tuckery muto. (C. tomenton I picked up ine livin speason and uded be, finding many, some with flattered sides as they lad grown it logether like chestruto la in the same bur. Gust back of the little church at Holle Ellingville there yours a great deal of holly, some of the trees being very large one about thirty ft bigh & another about 1 ft. in diameter. Near here, also, Tied develdered I discourse the nest of as red shouldered howth, newly made. hand Cardinal line I wo cardinal birds ware observed & upair of blue jays went serraning out of a swamp, they certainly being very wild. As yet I have not seen a Comparwell The jugs Cambernel beauty, though I have been on the last out for one at any lum. They certains beauty ought to be out now as I have seen the spring was no more forward than'd

March 29. I should have Stated yesterday that I saw the first chipment of the reason. The gulls are also sailing about high up in the air, as they so " proceed fullo. often do in the spring; I saw many yesterday & also the fin this morning from the sleam boat Tuesday March 30". A marsaon occurd in 1.15 my mouse but einer yesterday or Semday mi, ht. The war a cracker or a number of unique mellory mulo, yet one mouse ale up its out and barrion of this morning tomed the skin and a very sew rich bones' it the slaughtend rodent. The about triost of the bones were gone. showing how very find of meat & arimal matter there wires wall. use. Since I have us in col, it's dead construin and least it's thing the time interitual has been untilling about the cays a prawing the exacte. I do not know that mire ever see ghosts, but of the to this cumibal of mine will though the was sick & would soon have died or may be be did wait for the last distribing out of the little is were before communery his cannibalistic feast.

March 31 . Two days of for und 1 × 6 louise the third. Howards the the war days & last week + Sunday, when the Sur show so warm been back in lung. to how unlikely does author day of warmth Seem we we look out of the window at the cold fog drifting along the house to a Abril 12. hast night then occurred one of those thunder & lightning stoms that un not uncer in the spring but which are day intenting, for it. "cem out of the !! whole It. and lit up with simile theshes but. the storm server was at a distance. and the thunder was long in wating itself heard - , i could not see grown mig room rundow, the direction "... Which there flashes came but from the no chimo I think it - must - have be from the benth. Sunday april 4". Though I sal w many some shine last Sunday with musecho flying about, yet today the when I think of a week ago. Clubit Frank long's the Saw is yellow butterfy on Pierro

Friday Upil 9. Spring of late has not made much progress, but today is so warm that it must wark a new line in the growth of the reaser. I notice this afternoon that the cathins on the willow I planted wear the door, have opened a littles, whenas for a west past They remained about in the same condition so cold was the mather. punday, april 11. To Ellingville with a companion. Cover han commenced to lay and I cliented up to servere wests to see how they were getting on with their house bold matters. The nest- contained are egg and another fire, this last structure being exceedingly deep. Many shells of the rofe - sheel clave lay from there quarters to are well been from the

Como Viller

thing were getting ar with their house book matters. One nest contained one egg and another fire, this last structure being exceedingly deep. Many sheets of the rofe-sheet claim lay from them quarters to are made been from the breach, which the crows had carried their leisure on a string or the their leisure on a string or the top rail of a fence. These sheets were often brother in the edges by the errors in their effects to get them. Red stimedend hours live their

l'ed show and

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nests with fine tings. As few as I lear noticed crown line their nests with adar bank. Persones and Chaurises lan arrived; Pre wee a wood - cook flow from under a Chewill. clamp of bushes in a suspecious manner Word - ever but do nest of it had any could not be found. This is the first me of there birds that - I been seen their year, In shearing of eggs it reminds me there - the beautiful mottled eggs of Red-shouldend the ted shouldend bawk appear to hawks . been ometimes an extra coal of lune overlying the brun wartings, that is the seem to show through from beneath. This is true only of some of the oggs and gives them are intensting and beautiful appearance. Med shouldered haws han a most plaintin eny - sounds swelly and red, and it is to be regulted that the note must be associated with a bird of rapine. Perhaps, indeed, if heard from a new rest distance the the note would not be so mild in line as it appears when attend as the

Hyang squimbs by my squirrels have commenced to break, &. I this young today one pour the one run out of a dead sassafras when it was have mered from below. It smud gound serval young "for days ago, in I have no doubt - the undividual in question trade a famile, I found a quantile of small seeds (cog wood?) in my mande imply como nest which were yourse the locality in which I were found. We vesiled articles Lake, but also most. of the arbulus is you - pulled up by city Irmuto do decarace. Sunday schools with They have no occasions come to S. I. with great baskets diglier or levente aliving for the reng same purpose I have spoken of above;
Wang of the localities visited howan volices today seemed be just the places that In his might han chosen for their plantations & siles of permanent abode. But we made, found two chips for all. that looking though it is true there were very good or true specimen of Indian Indusday Ifine 14". Some time ago I noted the fact of seeing an English sparrow pick up a feather, with which I supposed it was

yours to live a next. but it has in been until loday that I have not ad English ; their reals in the took maples in fint of the line. There we wow wo ago I would served in some large mables, but till we we were However, they commer to build a little or other flow of For the third on my we have had a currous welging, so wellove the great drops full thick I fast. Fog. There fogs come up the bay about 4.10 9. Ml. & do not trurk very fast for while they was at the boat landing at the time mentioned today yet we quickly left-il-behind as we rode away on the north shore brain. as 1 walked home I met it again, it banning made some northward progress. These fogt han had a good influence Willows on the trees, and the willows cultivaled along the road sides are quele grant, the litark bushes being also far advanced. lound leafing. Du lle Wilmitten Ora Marche y & I made a note concerning On the dilation the ailanthico lines that your along one side of the Harbor wall. I visited hem again lotting of han also been looking racant loto. I be me to the conclusion that these fascicled growths are induced ley the trees being burned about every Spring & the flow of safe being retarded & the tree mon of less injured. On one side of the wall where there was been no fine, the trico are entirely normal but on the other there are a great number of there fascicled states as all stages of devolopement. Internalso blinghe have that if the flow of sup wind interrupted by eath the ist the attention in the to best to the results would be the some, and I have been fortuned upt to diserra a love that but been ans about the lower of who top was poscioled at I had privately thought it would be meder than enditions. I have burned about several tree & cut a unmber of others to see the result, but from the above (I also noted today rimiter multo in a distany the there can be no doubt - as to the affect after the flow of up has been relacted it is provided a sudden)

Some time ago I found a Concessa antiopo butterfly in the wood-hours, & today I discore, a labbage while butterfly masked between the window sach & the startler. They must be abroad - in fact I hear of them, but also I see none as I go abroad myself los late in the day. Upril 16". Since one Heaperonys ale Hespermy Vila intato o its companie. I have tried to observe if the remaining individual would heat Its fool against the eag - as I descrived before Mica. M. S.a. I find that it will, but this would not tell particularly against the theory that it was a mode if communication for a love bird will chirp vering, a solitary day growl, and_ infact all animals, man included will express their thoughts aloud one if another individual of the species is not near at the line Saturday April 17th . There was another for last night like those me I deservering but this evening has not brought its expected are, so they may have come lo an ind. thymagaguiroulo feet seem to be Securoplines feel are. When our she runs one

my bounds it feels like little drops of water falling in them. Tunce lately I have observed English Rotins 'y oparious and votrus having a quarrel, and Mongh the colins may be successful, 9 Sparrens. am afraid it is a great annyance to Upul 18. Sunday. Though I did not tog observe my fog last night, it is here this morning, and nature has not gotand her accute allow of dampness, Howard Chiefe fry the sew is not and I heard the fine display sing though they probably have been here a long time. bear here a long time. . went to new Drop on the rail road walshing out past Rechmond and 20 on have. The day was charming and though I have seen burdly any butterflies Butterflies this year before today, yet they are now abroad in numbers. Pieris rapae plentiful; ranersa antiopa, fin or six, and two Lycaena pseudanciolus, the blue betterfly of Spring. They made the sem shine brighter, Celinia Cotonia inda hummed about some 1) rasteria grassy palches, and Drasteria was not uncomment

Jing fewers.

Above all of the sofrming flowers were to be met with Today. Stund callings, Clasteria, Doy took rides, theod-root, Hepatical and a little. When wides were found. I forgot the flower of the hiel-ride - cariforge. The ride maple, and the pursay melius on in full glory.

Blue bries

There wests with eggs in them, belonging to blue-bands were loomed - at the not disturbed. I wo might here were surging in almost every clump of trees near the cleanings or fields. This bruting was also heard last builday,

og umes

In a swamp, I discound a west, probably one that had been made by a crow, but which new centained young gray squirals, nearly full grown.

near a draw in a feeld. I saw a water make (Propidonolus sipeden). It was To pidonoters un dram high ground and the all water near was Mal bet the run race in the draw the sual's evidently coming a long way through this menting in met wither course. Entarnia sam : was seen in a peat bog Enlain uice your the eventre my, and Baseaurum constructor wa formed which corted up for protection , me my way home. There maste never truck to escape though I sepped within a good or less of turn, & I would have you on if I had not happened to have seen the bear to recent tirethe away. I posted it with a small still and after showing some fight it made ft. It - fell will-; I hands for it me It have been Willed I have just been out of down, and the fog that comes up the boy toward

160 Good Friday. Ofice 23-1886 ottay was extrines warm, featicularly in The sand at Buth aubry whither 21/2m. To judge how hot it really so it med only I said that I am alling in unders being for. In had about an hour to want - ut-Porthe amboy for the train to take us across the bridge as this will not permell - on to walk, so we strolled about the country. a few indences of hadians are observed out - as a bluff near the and I found be unfalements a new love and a cell. all - South auboy we found Pyxidewill era Parken lan me full floor and also a great deal of a butus. The cherry les amout me bleson, & their are many mucht flying about. I saw Theala Regustino a de Well augustus Lancis archeppus for the first - time this year. There was also a Tha ass but I did not get near augh to identify the speeces. I collected a. mumber of beetter barbenlade a path blue fines and food

Howard, it west have been fast years It I only note the fact - to show their distribution in 1885. I. the bluff near morgan's Station we the true man domes in the ite of the bout, about 6 in from the surface, and also some ottery and other evidences of an Indian encampment or attendent. These to belonged to a deer, for I found a horn, and both of us picked up a few teeth. All the bones were splet (a rib bone being the il exception) for the purpose of getting rat- in marrow. Looking up over the R. R. station I so. a flock of fourfile martins, which I suppose must build in the oramles. I have never seen these berds on S. I. There were a great man, chewrites, me Chenniko of them scratching the leans & singing by turno Fusion ... hast - Sunday I reglected to note that I find Sunach ja muche. of sumach bushes your og a fretch when the ground had been burned our, and much to my just cound many fascicled stalks. They is converse with my seed to die are the orlanders, gives never a live

Me wheel had I must age in it. the treatily and exercise this tester in & fuscicled statt of a sumach, but I was , we as lot als cause, and I and not discour aire marks of him. Sai was a lit it -. The seem to have general from cool ofming rulo the hotter - of weather, and one can hadly realize that it is get an april day. Straw hat, in the country places, here come buto use. · as I soribble the in the office the under an all open & the ther maler slando al gg, al al-vont-like the amrage l'emonder either, ser degres Infact the little black one that hangs up along side of the large themometer ansit is 81°, but I know it had and agreed for truth in the days of its youth and old age has not enod it of its former vices. I notice today, a few while blockers one over change the by the side of the house, so south autry is not so for about

Sunday april 25th 6. I went alone to title ville. I was in hopes that then would be a few fields ploved I wished I get them before they were planted. It was also quite threatmen weather . . would be no sheller at - totherable & arout a routing so these two considerations settled the direction was 's take. "I did no rain those h, & may umbrillar only send to polic andian in stements out of the band, or other stones that I hoped might prove to have been chipped by the far in our Status to. It is interesting to sit the er .. of these recent - althoughts 4 though the Indians may have been ornel nel are connot - look met ut the from pottery, at the arrow heads in a stone tools, with any other citime them that of somme. Give your force. .. , - ie - me treat their handy with thought but regard. Aufolemento I found assortion nearly round stone, about the size of an average american wallout, with a grove around it. This makes the the we of this Kind that I have discussed

found as were to which they exist be to to. Two stin scrapers (clisches maybe) and fine arrow heads complainted the find, with the exception of a small piece of bottery, It's he was no ar cloudy I did not in see a but a Tetter found ito von, a my bottle and I observed Chima receptula indifusciata fully developed woorphala flying about. Dandeleons or out in bloom, and the shad Shad hush bee very showy. . shoot and adm. for some time the grant bush (it is really .. line) of this Kind, with its great firthed triuth, we me win o of snow while flowers. They grow in rye westward, but this i the largest one i have ever in. I made a discovery. at or near Bull's Head on the borders of a pand, three trees of cal in sugar Badular nigra are to be seen, & I have noted them before in these pages, but loday I discound three other true growing in a swamp near Tottenalle. These lives growing are the oil, ines that are trunce are State blanch. hed insid Hadibid more and the rede black birds are my nice but the ten to me, seed sing, though

the other walte was direct get had a yellow rate of the rade and to before the me of I think me will fulture in the most interesting thing in a mit nor to bords, was the discovery & a sich com dande en liet un of a little i. I sat down about one hundred feel away I a some I not which I had left a ! the crow as I ale. It turned its head from ai e to side, come mes looking at me, but it fell loo will to take any interes - in things not immediately dange as I save - a pice of bread which I interest to give it if too sick to fly, beel when I I had approach - quite near it with sampled stowners to a low limb. " and the second does the bother in an obser out, but when the del bios fles off they !! come or come, & that the high and that I was low in her-I show your of dundelines in hour . The en. not in blosser in the ander to coto with .

1 whelens

April 30- 1886. A few days past bulled or colin of the low cherry tries ground in numbers and those that. . xammed were love about the out. is he young deem , we a few however, were mearly bruses & there I examine for a probable musel, but could and none. I watched for the falling blossens but could not observe any & as I majusted the destruction was coursed by the Endesh sparrow I Hepl a particular book out for their monning This morning I discovered levo bends in the but rulling the blosoms off and a see to gome chemies, and it was a see to how for the the form of their and west. Many of these young ohe is abretted for the showing much land guller of their mer accord, is mule i large brokertine always do. so that the real dans ringe, thingle considerate is not so grant as un all forst- Chines Some writing the above, "

visited a number of cherry trees and out about those near timeses for the blosseurs. These trees we evidente oftener reled by the yearrows Man' those out in the field and the ground as a course junce was strains with the flowers. I ale a few of the your chemies and found their inule sweet & good. Many and bunding! I went - Trutchogue way & about l'éclock met Charles Leng by Thedee. appointment. Theela desgristus is abroad in a unbers as in the "little blue butterfly" but I saw nothing of I niphon which I particularly looked for be captured a number 'ix beetter, & Charles, in a little rain water and about 10 ft. long cought more water better, some of which he was highly delighted with. I took a species of Reschool on the 1000 -10 a sandy spot in the woods, and Finitela Ciemdela semerora me copulatione. That I did not actually see them Cal-bridge 1 yet I heard two cat-brodo, the first of the season There were to freat in where of the winks, and I said zerral hands, do " was walling

I a a road i paus ma a thick shoup of bushes, there chippies, and quiet to watch steen. One rema est on a branch perfectly quel while the law on muched is hopped win of them some branch to branch, but were very far, latting as birds latt, all the while. If any steplie of birds talking powers had been about, and seen this little party of three in the steering of bushes I think then, a stor have been commed that they understood one another perfectly well, or at least derived much enjoy mend from there uncherlene notes. Dunday May 9=1111. I went to Tottenulle today. It was a typical may day and onder 21 ... Scarlet Lanagers, brown Thrushes and eat-Brown thrush Cat bird birds were described Chrysophanus americana Colin. philodies-, Danar Chrysophamis Colias Danais archippers were seen, the two first for their first time this season, a number of. prohoppers were abroad and a few latter. Edepode civallina One specie of Codifiedo corallina uns observe Male specimen of Cestudor clausas found sayes Cistudo bourlet -. to bear of a dead more (Scalops agreehous) was fred-

Byes if well up & I made It search for i's eyer, and after pulling off all the fax, I tound them. The did not come through the skur & only appeared - us two small black Indian wiplands the find a number of a implement. . I was fortuna! enough to pick up a fine Robins & song sparrows have laid their eggs. Come home the locomotion broke down, and we had to want a long time until another one came up from St. George. Fednesde. May 2: . The part several days Birds age ne than been cold and rainy, and there nummer (also closely & cold) there are il. garden. quait in the of recently arrived birds mur lero, indigo birdo and a reet mube of a tolo Thursday May 13. a robin built a mest in one of the pear tree in the . wa Robert a when I said I had it - discours with I was completel. It is just is how I we about him best from the ground, unt as it runs out now, " can me the boundle with with ter head down me, or molecting her eggs no well as the can form the weather She dooned seems to sime else har her eggs

I every more of their deifts her position a little ful neeps her buck pretty well opposed to the alone. While I was witing the above she left the nest and was gone ince minutes (timed) the rain pelling I'm all the time on the expense Sunday may 16. I went alone to natchopy walking out to the Tumpille & so on home. the were but few insects out It suffer suring to this long entimered ruins!, the great were of much and bords & the queral jury of the otten, well made up for the searily of ope . Howard, I saw a grapha or two L. amyntis & a butterfly which I hook to be P. atalanda, but I only saw it fly by. The chief capture in the musel " him was a Meda give in how and that at books differently from there I had on an afond day senal y con ugo, x which are now one at the to & a so that I have not got them me hand of .-

Though their may be many thinsend birds in were hato at the present moment, yet I a glad to think "," the ma thousand voises I heard attention to them all as 9 walked along today, Jolden crowned Golden enuned thruster, with their "turky, turky turky" Red starts song, red larts, undigo burdo, a cumous spurm like buch that - and "chalk" for times in the succession giving it a sli 11 bell like roud, three life ... Kin to of water birch on Het Plane evel & the brown thrush with ito charming the tele my attention. Lat year I don't not be one integes burch yet I dun seen beneral so this, a h While I was eating lunch a brown thrush came hopping up to where I was itte getting very near without dis covering is itself so violently and thin lake a line at the leans, but after it had worked a little while it looked up, and ming to has we became so much surprise us

wild prime in the your war to see the see the see Topic I as recently in blown. The wild governeum thorowing that lupine and the beautiful moccosin The mocasi flower mores qual in color some that - I examined being fink, Prouting growth I found another litery unt tree bearing hickory muli deformed mulo like those from the tree whing. I that that this producting the into ma, be carried by the has been growned don't - in past their whole construction, it was a product - an express which they have never very de free. When Attack to War one la fra cares faccisted bluello of Bei ail metters & simular & il may be that it has coursed the hickory wells Diphthira fallax Diph thera fall was found on a dead leaf I should the mentioned that I lunge bounder when I would to Tottenville last ! ... enjueur burd L I saw ving large huft bordder, and as there are no large stones near there, this one is quelt interesting I also discord a new plant for 5. ", a wint the

1886 Monday May 17". I would evening " vents" med in the wood, I took until big after dark against a tree, on the border of the swamp rear selver Lake. Three night hawks were flying over read, out calling its note conta wall, , while the other two remainered relent. The moisy one, made a sound similar to that for duced by a sty worky so sudden was it; that I was fairly startled, a great many crickets are singing, & Crekelo Touch. so is the load. The small birds generally are very Small brodo different from chickens in point of and actitity going to sleep, for they stay up as long & night. as they can, and long after sem down they may be heard calling their barroular notes, usually the shortest ones they possess. I heard a calibred when it was quite dank, calling do cat-like note in the swamp, and a brown throsh had a great deal to say at an hour when it should have been fast asleep. Thursday may 20 = . I spent an hour or two vambling about in the woods hast evering. I could not but

observe as the bat's fleur by, how much In the flit their motions were like those of the of lite. burge But widar their wage moring two much like them, that I have is to whether the beast was a mornel over insect. The little flowers of the bluet. " pomled Blut. lowards the latest - & I must examine follow the Long after dark a full bunting song Field brushing it's song, and it came floating across 9. ging 15 the meadon a note of sunstrum associate might. with the black has of might. How joy this bern much has been , if his sing did indied indiede happiness. Friday May 21st I spent an hour or more in the Barbor woods this externoon, but dis not see my thing particularly interesting. I met my old Indian fixed and one had a last about dog woods. Or witht hawk was flying about 5 p. m., rather each I think as the ever was showing bright I captured a few beetles, and after returning home received a very unpowers string from an ichnemment that I could be in a ham turchief , to was going to put out of the

The young gray aguirals that - I got on May 2/2 Offine 18 have forond quele unteresting pets. When feat caplioned one was very cross, and when approached jumpes against the hars of the eage with evident anger, bowers, when he was in this mood, I are him a exacted Pretory muly and he graduall learned to be friendl. I am not Done account sure- that his real intention much of two capter bele; for on occasions when the agreement were out on the lable, and they fell on the floor, as they often did, I used to pick the cross underdual up by the back, and though he struggled, be never tried to bite The other Seivers has always been of a wild lemper. They are now so lawe that I can slav, with them little I could will a dog and they seem always a xemo to be near me, and only los glad if I will take them in my lap a permit me, who has a fordues o for such sport to crowd up my sleen - Ufler he gets up to about my allow he lumo about and uls looking out at the wide wide wind

188.00 my nerve when prost captured, imable to grand hickory milo so I amount them most o' my cracked them so then had a slarling find to your from and now they have to your the whole mil, and I " ne particular difference_ in the rate and that of the flyma equeralo. her mouth o executated do don buck in the theads that the inter oup since have a very wide top or they will report it - in their offerto to Keep the water from getting into their now, and when it does get there it as very consider to They have a number of notes, many of which are subject to great runation & I suppose have on equal number of reperale meaning, It is certain that when they fall of of the lable onto the floor that the quell short chatter, during which the whole body and particularly the lail is vibraled, indicated some mental agitation. On one occasion

not. I placed me had alove to to the latte and infront of the cage door, so that their could not get in were healet his hid still, was challed as described, while the other slumped his Jul rapidly like Hospernys. Hurring up news-papers & carrying the hereo milo- the nest, is a favorile oce pation Some mes they fight for partly calen melo & in a lette while they are both - heated away anugly tog their fast-asleep. One poor fellow had a fil - or ailment of the Kind, a day or so of eggling riolently. S. La, May 2 s. 2. I see the night Hereno today, but why some hour for that his and had a relate occupied. Some a lad charted udo much of the o and destroy the lundo. In an old home I find a gray seal, which fleet down stores well and captured the house offer

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ge & it ofter who is more given in the The tion of the waterian, It priodes theres, Ender Il worder have tilege in much banais a despetie of more over. I down to have the mosque the and a more threath war. I will see the second of t May apples are quele large , I brought -Mes applies mines home to merse the larva, of prince.

I found quite a answer of plants along of a singulation of about plans I have now new there where is you Land and file the second of the Indige birds were seen; they are meligo bird very plenting this year In ance old berds with only a few Its peromy to stones for a conv out a mouse, and a I went by it posted its head out to as yet to with the ways of the world and did not Know quite what it ought to do when being stared at. After looking & sniffing the breze for some line it concluded In was

dangerous, so it climbed down a calbrier dem and was seen so more. trid y May 2. " we tout lower do evening and sat on a vail fence, looting at the sun go dow I and listening to the bend Sin mg my the swamp. Us I sat looking and listing a chewirk salt looking and rathing "chewirk" in a log-wood tre - "eterink, ohewink, chewse'. And soon giang chipmus same Chelmul a out; one that had had but very lette l'imme experience and vidently besteldly mi voluced into rural societi. Il made serval touto, frished itotal in a superior fashion for sor young a beast, and was then going straight on _ but it tident - That chewirth some him there which it did it want lette chip by " to find so it boedle chard so met of there sationed bushes, & then seet quelly on its eggs. He ran acralle rose & off to quite a distance, but ight is went time I hooked for the chemito west and found the bestin under a nita indige stant

I guttiered a lot of dead tometer + moved a la or stene below of both branches & the so as to probe the nest from the chance pased by. Und were set the book of week to time one of the aget on in the world in the war that eggs sion i- go, East- Drunge yesterda, afternoon lo Dunge n.g. visit notherms who mod from " take you a series the good of the month, he was the and It Llewellyn Park and wander & about among the charmen wood roads, On one of the roads I met come proble them - I a last september & hed it is a for me to go sucroher now with the same and the trace the past of the at Counge. " Ahododandor & are in full blown a will though beauty that the have planted their in appropriate returations. On a small bush ? descende un huma mothe & ofter L. Eura Phio me ming (Sunday) we stated

ge the namely of Eaglerick to be near it. Communistorest the common locast is in feel flow & it can be beented from a long particularly pleasing for it is both pleasant at a distance I near at hand . which charm is not rossessed by many of the flowers with a powerful Columbure odol. The Colebone. (agulegia) in in " med and is one of the plants that we never have found in I notice no that there as the Sweet zum tres growing aboret parting by near the mountains, but they an ut very plantiful. a miner of drugue flies were alroad, (Trumea curblina), una I sur Papilio Vimmea caroli usterius P. tron is & P. terrius Papeleo ustinio on our way home & it will . Level us. Cooking out lounds, the Timbe cast & also lound were n no day no un could see upy down the valle, the country haven a ricy that I had hardly expeden Thousands of well locto-lines evild

be seen & no quera localit. could be discound when the and the of durings They ded with office to be a dely remitted without - its mone or Les pleaning force, R.R. Home, I last Laste In Decoration de may 31. The Brooklyn E tomological club cause lo . S. I. today, + I went out with them I caplified a mumber of mucho, but it was cloudy & friended many butterflies from flying, It also range a little in the ment . Howard ? observed my filia Englis p. n. Eury los turnes of Parenti la zubile 12. luvino of lafe the rest of the print Parephila zabet the saw home & received tollers ded or there - ford the day last with the I was the ing how for a woo to place and by on the low tre in wilet, food nothing in it all servere t'us has been the La lat expense. Husered, I a corded tit, either and found

Fridan lune 4th. I wont out their in to ... Il - chemink, and found this bird sitting on her eggs. I walked to within los fe be - a left the west, when sie made no noise but sumply van al a the ground."
I found my fine wild strawberry of Shows tom the reason, a line under duck on the hill-eide.

9 u s compa of servad & Servac a bat for a long time, this ove I thoung me about the woods and along the road . I - had a minuter of calls & screams, then! more and me this respect them I had reppered. Scalarday June 5th 1886. I went to the hand on the time timble your for the purk . of seeing the lets, which I failed to find one afternoon this spring.

(see back notio). I gave the old forman a map of the Rapid transit R. R., in which he is much interested & then we went together to the barn. He should me two calms that he said would be three days old lowers; he was evidently anxious to have their gons

a sil tel se days from Can be raday in I had thought it is have put there more hairs on their litt bodies. in the barn the but were weather quile a rack t, with their numerous squeaks though I could see mone. Leveline hat The floor in places was covered with long and the second there places I could have the boto. The old war gar are a lodd of fell to dembed up V sure ough there we .. the buto we a cluber as large us my lead . When the was bricked they flew in all direction, so e of them yetting me being the winder frame for safety. I then tiscovered that the war motors hidley rever in auch places, & if I potted about a lette there was considerable tall a back. I captured one from behind the winder frame & on getting down I gone another on the flow. The latter had two young & how tight they did hang fast through a since the sound the same to the sound to when I former to

overice; but the other I put in the examide bottle. but what the tell to be wind It was the (Sollie mobile two) since have some l'a ol e butthe house of the period to the same after 9 got the bal home I saw she nons about to become a mother, so g Eut her open, & found two lubross. whose wongs execuded the rice. Sould mad he the same to where the bats were I found a scarlet banager, which back Willed doilf by flying again. " the window fame, in its efforts to get out. One of the pathe is nesto that I have seen this year was on song spenrous Starios. which I found this afternoon, on the bank if a brook. "It remed to almost over he of the water and the trol could sit in her three eggs in see the brook flowing by. The mis and wild honey such to are in flell bloom just now, ? ? Know a sport where there was munder of here sends was herein, and the trees notice are vivily rall,

1883 ad a follow life of Wit. to them. The conserver deep reducine of the flores give a chance to well in sport Sunday June 6. How strange it is that wasps will briefd in localities where to. buspo resto is insufficient room for the proper or ful. de dopement of their nests. Today I found a little and a flat price of in Lynning on the grand and last man wet I wake a will of a wind in the my notice back been much to near the ground. a q land livelle formel, had dark gray Vand twette. eyes. I notice where men sheet form over the old that the light volume an and character was the I would on h. old shell Timber and Piptro actions. P. hornes, Colin, philodre. La are archippus, argymns my a? Physiodes thans, vare sa antropa, Luceera computar, ancyloxypa minitor and Pamphila Zabulow wer obsered. I am outing bunch up in in apple Entire timely live out of the un of the resignation,

The second secon the sale of the sale of the sale musque no tan her seen is uniged black bird- is very much worred for she has a nest in a strong of bushes not far of I she ones plaintinely, in the a capple his work let on a Smith just our my head, but flew of with he a frightened scream. to see maner was Linearetis. June 10-1886. Lineartis uvaular is flying; and the first one of the The last woon left the real in this ... Jenny rot Ine this morning. "Fire flies" have been abroad about a west now, but are not plentiful I have only seen three or, Last- Sunday al - new Dorp, I measurel cy liste Hawthen some English Hawthorn tomen, the largest of which was 31/2 fet in circumference. They form a short- hedge trunch han bun planted long ugo, as they grown Friday Je - 11 - 12 1 2 went - 15 sem

to see how my nest of chewrists were getting on. They are evide 11 - save four or fine da & old & appear to be in good andiling he old lad water met in the about my visiting them, an more than The screach out that - I met - so e with Senach we a case he g to get in marly that some stace of in received and negres day So doubles they may and the oggs. all this menine for it looked tit in all has men but the une course. out at some so I went not loo. The abounds have green a great deal. Humanks some triday troben I went to the nest the obered their minutes, the or distrobuste are med. The heek were alite & do not agreet lile many little birds, for if they die the world own be discound and bitte qued parbellula quadropla abroad. Caturday June 29 - The observates ben days ago. Danois archifopus about in

1866 serve umbero. Since I discoved, the nest of the Crested tilcouled til in the hollow cedar on May It great enried 3,22 a goal andid flyesteler has had fle calchers pression but some one destroyed the eggb, for I donnate out bying how Bunday Jame 20". I spent- Loday alone stone : fo boad that - ta. Bufo. but itself away for the day. I must have been a hot place the stone rung or the or loo by glante. moth - one; but - them Buto is mund heat very much, for I find them collected insects at middle. I found me so engaged bunday in lest + also one loday. Nemotius vittala is about so long Nemobius In flees The butte flies observed were: Papilio asteriar P. troclus, P. turnus, Piens rapae, Danais weinfigures crapte sp - ranera antiopa 1 eo. Jupha curytoro, Lycaera prendargiolus! ancyloxy bla minitor, Pamphila peckus Oudannes lycidas alen), Endannes pylades and Endamus lilyous, Conjugation amendment record i lance age 150

This is the line to gather Psyche con: Psyche. federala baskets, for they have hung up now primous to hatching. I find the first case that I be. Carpenter her obsered, of a carpenter bee entering or borars into a beam from the side; + I do not think it would been to so in this occasion if the beau had not been notioned for the weeker. I observed the following dragon flees it also missed . I deschual . " leschual . " flew out of reach much to my some. aray flico inex a so deal a levo Platterus trinaculata, Libelle la ser fasciala, .. pulchella, & quadrupla, Mesotherus largipen. mo & Deplax e sa. Partherus domitia was observed a week igo but was not observed loday, though probably flying. How quielly a tree loads can go up a Hylas love I touched one with my stress The fait, rem up the brusk, The looks say of the Red eyed rives that it is an "energetic songster", or bridged 9 had never considered now really a engel a it and in this burticista? until loday, roteen à act + liblemed des servoit mulilles In a los time. I found served wests

a great-curted flyeateter had build in the Gral-croled side of an old oath in - hole made of a wood heester I think - which was formed a biled by flying squinds. I am old building when got a chimney swallow nest last year has burd trad again built-, but do not Know white. she had - eggs or young, as I did not wish to disturb the west. " this same house a born swallow had nest nui's placed on the flat side of beau. It contained fin of the spectled aggs of also a few fetters. it at in a flew up as I walked ale. containing four eggs; probably the second brood. a State blad? (They do, Jane . 19487). On June 13th, while picking chemes, disturbed a g respon maculata & her the nest which was andown only as large as a medium seged lemon I had to Knock the insect of the he with my hal, until I could get to a safe dis lance us she seemed to have a decided objection to my measuring 140 Andrew Andrews of the to be a single model with a fix her In a 15 - 1886. It has been very dorry of late, & the little rough med fokun of above new bland out of the aling tric. The very much travile to which it was attached broke there do fall. There has much alley enough in a great deal of survey as to the the common finishing. It may be for the of lifferent individual for the letter showing of their where abruto melle same may as the hour ou i my mo in many Lepidopherous mosely aid in some to an one one the Then egain it has been the ught that then might not be good to eat, I that their light morning previous seved to were only & other exalures that proved about at night real insects to let then alone I have often thought about these probabilities, es indeed most every one has

least- les one of them. I tasted has of the beetles, while they were not impleasant at first -, being no milike lettuce especially when of much growth, yet - the after affect war not uniting at foost to my that of insect eating arimalo. They were extremely better I the laste mand in the mouth for a long time mule untille the flavour of mil weenlas & also those un chimo that crony one is gamiliar So I think that forobably both the propositions, at stated above And line; that the light ? not only serves to that the individuals to each other but also to warm other muais from usine them . , . I. I much by "other animals" the forming musech caling ones, not the partacere museclo which eat almost if not many other meet that they can our-paid a few days past while reting on the steam book pust before Spannos at she left - the slip I observed are English sparrow (6) hopping along the

194 deel hooting for something to est. It finally came close up to me & seeing that I was observing it; it - slord only a yard away regarded ... It hopped al nost the order longth of the book of I did not one that it found anything good to there linds to get in the I they was obliged to get a ladder. of tole or brown 4 drive them out on account of the nouse they many wheel of another me that were standing by how long those spare had been up there, & he was night my house all and the edited suchar unf il & specimen of Paychar confederator halden from to cocon either yesterday or his morning. I found it in the year but do not thurs just - where it agrotio c-migrame, a claudes tima or 14. archie have all appeared but I have taken nothing a

1886 Sunday June 27. I wacked out today in the direction of the highest point, alone, with the exception of a dog that I found on fort tell & which accompanied me all a comparison day. It was a very frutty excaliere having he dark brown heur 45oft brown eyes, but it didnet - Know or y much. I was coming across a field, in which there were a great much of cows, which always have . dislive to the proving dog, when me white come welled, towards my love companion, who van off to a letter distance. I went on thinking he would foll of but he did not Know enough to come round he field or ever a little district of from he come but started again along the fence, the way I had come. He did of even hung, or soon the cows getteredge about him again, he crowled close to the five trusting to their merey not to but me of their home through him I ran back as fast as I could do the cons away, & made hi day ful my hable for a covered me over with med as a Colimonial of this effection. again on the way Tenne I me I me copy in the

dylle, with a find on one aile & a deep swamps ar the other. There was also an other of in the awarep, stending up to his times in the water. Long before we got to there the first day became of int I look ing buch after a home If I that he had got in see he he ado I nusne coming any faither. I had to so let and set him, I all the time I am ding the of from the day the dog staid so close to way legs that I was after it, be would be for me. However he was a good I id day v a da de our break logether & draws out of the same storings, he the ays dint g when I hid, so if he thought - it - world to to just as I did from a some of his war. Wild grusses are now in blossom and Wild grapes small rea said. Two lines The rough drawing represents two tres ging along the turnbile that I have become so combiletely quotied that they look like the two main from or trans of me tre. a, is a whole out. B, is a black bick and the line of junction is about three feet long, or in other words it is about - the feet to

where the two hours On a large stone in a brook I saw a very big spide of at al captured. The legs as I have stratched him spread the length of this man. them for either. The body is also quite with long stiff hairo. On the same store with the pider a ! pelerpes belinealus was som q Spiledio l'il inales talf. I do not remember to have mer see of these schamanters out on the sur shine before. of . Very small tadfoles of topo, with their hand legs must were observed, and also the liveral forms of Diemychylus The following butterflies were observed: 121110 Papilio asterias, Pieros rapar (nos specimens), Danaes archippers (3 specimens?), compla of -, romersa antiopa, neonympha oungles, Lycaena pseudargioles (very common, & very fond of alighting in the roads), Pamphila cernes, myloxypher minitor, Eadannes pylades & E. Tily rus . Befordider I captured four species of Hosper studae on of other meens line musels. However, the

most interesting of all was the Andrews 1886 of Prionotyphus robiniae on the chestuit I found three chrysalide & captured a I va moth on the tree trust. Undresday June 30". I went out this aft noon to mean the tre 3 made a note of last Sunday. I a stetch herem pasted, to which I have added the particulars of reason ent. I looted for the word that I found we well a ago sounder a stone but he was it at love. From the appearence. of things, however, I think he still occupies the place & that Cebra Homestead Status %. I come los late in the day to find him at home. He per out in the emines. I was in some light bushes reverde and care of. any lead I sereamed, the really made in jumps though I was expecting to air one every an mute. There was also amother out, & the two followed me about for a long time Sometimes I would stand still arewatch one for several. rund.

when he would set quietly on the branch Ttalk in the pleasant undertones. It is fortunale for there pretty birds that-the wage species of a air stars about home at night, for the enter briding Benach outo Small boy would find no trouble thing them with the way side public & underd. I almost hurt are by accident myself. He had flown from a wighbors mig line that ar the transit of a tulip holding ar & the barst, & I wished to re After 3 had watched for me time if he was it level in I leding to me totaling so the second in the let be wouldn't more. I had to the curat to es left I could ge to for the dead stone and want than I mismed louding the faller on it top of his head, but doing we with go is a sell as I would se die. I found a fild budings rest in a I to day small book & spend owner time in loying to grid the cheverists were that I discound hart Sunday. I we have to see how the family as getting of How hand it is to find a come on the

do no - take special note of the localet 166 Saturday July 3rd I had a holedow on account of the city alosing so my ando Bessie T 9 went down the R.R. We instead too of the three laster on the ! I show, from Prince's Boy to -annadate. amadale. The mosquiloes are very numerous & he day mosquiloro was equally warm tret with all we a ounders respecially some che vies that - 9 Cherry Ine nodid lane, They were quite large of a light and ever the late was tell burning them is great a medame. The nd mulberre a also bampled but were les ted que cremes. Bit a we come to the proa success I capturing quel a of Longicoms & other better. interoflies . " asterias . C. Shillie. D. archippers, argynnis Idalica (fil of the season), Pulet da &. disiplies I fix of the season . M. amytino, Lyener perdeng tuo y 14. mining a founder it s & r y menerow. his year, is I am so Vane me artispa & C. ameriana nor of on Inony 12 insting in a fuit , & interest .

were and much I of the ories. I head the following of ies: Robin, wood thrush tomen thrush, eat bird, blue bird, house would, summer yellow book, swallows, red eyed vino, yellow bird, song sparrow, feelal span i decime bob o-les cow bird, nd inged black bird, orchard onale common eron, blue pay, great ended flycately prever, Kindfisher Johnsed Cockoo, our bird quail teeler, nouse sex in al - 9 did ne think This would be so man until I comed them up, especially in a lasy do , & trump old he avoit which we slaid for some The climme time, the come still of in the alimney or fin place. he mored it buch I forward I it ground a see more, as if time had made sain. There was also a good forefusion of matrimory bush, some roses, entresp or a while raspberry that growing about this or I chimmen, Sunday full - Last night, while it is on the praga of observed a Calosoma Habit of after a time it came to a stand & Calsomal houring to body best its anterior, parting bourds. This made quite a loud whirming

do no :- take special no i of his localely. Saturday July 3rd I had a holiday on account of the Exchange closing, so my anuto, I TI went down the R.R. We instead two of the three lakes the South son, from Prince's Boy to annad le. The mosquiloes are very unuerous & the day mosq iloso was equally warm, but with all we my yed ounclus respecially some chemies that - 9 got off of a reading hie along a wooded lane, They were quite la or a light and color, the his which was tell bearing them a grad soundance. The nd mulbernes ware also sampled but were deserted of chames. of the an umbould Islied promo a success, I capturing quite a mumber of Longicoms & other butter. Butter s sun. P. asterias, C. philoduce D. archippers, argynnis Idalia (first of the sesson), Patelala, a. disipper (file of the seame), U. anythis Lyen a prendery dus & a. min Le famude ristes & re y muerou. his year, in I am to Vane su a dispar & C. aveni avec non a i It. on tining 12 mm. a quail was head give a long in

were a got much of bird wice. I I the follow of theres: which is add it is to the degree of the the transfer and the men of the book . He o , had and ring, yellow ! re'- , Beng sparrow, feeled sparme, decunse bob olust, con bord, nd uniged blackbird, orchard unde, com son' eron blue je great'ended flycately prever Kindfisher (observed), lockoo, our birch, quail tules. I think in al - I did in - think This wor to be so me mutil I comed the up, especially are a lasy days transpo like i've forsul me her been. The liverney I almost forgot to in that in the old lines -, aiou wt we slaid for some time, the come still burgs in the dime or fin bluce. In mond it buth I forward & it ground were more as if time had nade it sad. There was also good profusion of atrimony bush, have roseo, cut were or a while rasp berry So day Jul + Last night, while sitting ser later in ing veros this for If a time it came to a stand &. C. the left one violent on the ".

no this a ed here been he of many of do doling to me d interestable de la commentation de me. I the metal the well or ist of world - in fat the of the second to the odge of In the delice in a great you do , as and trace of the dead of the and I would in me eye. I think it was tea hit its head of on of the ever head branches, for I have been breather two flyings the stems of bushes oplants. he a lette walk- this flerion I came to a large gate one of the porto being because of honey been. I matted mear to inspect but the Frey lices the getter! Howard, low of them foliand me across the road I had to be be leaden off.

News II. Hurbor wall I saw two rabbilo though not both at ourse. It o pleasing to see "molly cotton It it was to the old wall with ils man a holes for proserving them from the provoling of a This made, There is a field of red clever wear by which I'm to will Known to the , as it is to many a bur ble Monday July 5: L'ettemmeller & I would invect hunting today at watchague. The mosquitors was so think that they gave us but very lette peace, two wer obliged to the fire of the captured a feet heetles fainding munitions of carabidae ar Lead breaker to the place when they will in the mean a lette but we saw a dog that has Ing Fral wither exhault or found a week rut I have we approached he made off as to at the could. While BFF were engaged in eating Papilio agant some chemis by the road side most Bullo Idead B. shouled 4 Cooking in I men Dutilio 22 hours

ne no the field . I gran chan But her woods. he was 7 18. sees be no do be as to as I also am quite our as to its identity King land have appeared in the gender no, as hing do every summer after the is so rais. mentioned above I stopped by the ofring in the Color rath, & ale the remainded of my lance. There nom- a- a witer of horses fooding med by & c. man became very for day, insinting up no posting her none in my face, my box & my lunch; paper. She ale bread & butter & neighed served times during the operation, as if to care the other horses to shan the good fortune. On Saturday July 10= I went to Katonal Halonah motablesher lo , to visit N- Page, who is engaged with other surveyor in the new acqueduct , lase or . This place is about den miles from Purdy's (Crolin) where I went last summer, & is good all

the head the forment - but e. Il. surveyors live in a cottage by thursel o A go next door for their meals. Doors & indown sland open then piles of the latest nouts also some standard was, pipes, base balls, hoping glow and a great warry other I'mgs, to make life roll pleasantly I write were early be aday nor mg, just as there was a said - light-Mobino in hi Gast-, & the tolow were brug ug. I nem before head such a m g warble, fir alout I me the bods are not so me I never et out in the woods before il flir breakfast Par 9 2 with he the day walked us the viver in search of the new and intensting He found four fish weins, while win made be the holians of about the a stry, get to in the in were of the mind. The was my ling of heinted to was quatly

roulers or 20; unother streteted always enterely across the niver on diagona a B as at a ful-the best as (B) consisted of a number of large placed in the middle of the strang 4 of which It Indians had take adranlage in building, using there as the month of the weir. It is said tal the shad used to come up Shad . the now to the locality voe viriled, +il is probable that the weir van astructed := e a lempartuit he a vacant lovere be the vale, I Phoebe land find on a little corner shif, a blocker musto. nest, or more correctly three nests house a the see furtherly all have bird at different seasons. One next centained in iteach to the, & then in the conse one, too live yours. The live was so thick that the shelf I week . cound with them & the bird in the west en will and it deathto their all to . When I bucked the birds they flew out of the west-The so I captured them their old home

not home without getting a great many has an my hands, which it twoll considerable lovershing to get off again. Page was ver much interested in these birds , for as he said , it was no fault of the that they wan our our with ver un as it is with the dirt. I lagy of the human species I saw the first spec of the seens, of a aybell near the verer, also captured two (3 4 p) openies of I. calamis, I captimed ". cale... quile a' nuber of usedo & a valano + D. senatoria ven found. on this bushes. after framing wood's tide . helle distance the river be ones ru, quet, will both shows wooded, so that a mo bout could be used with pleasure. as for as we went its continued this way, setting more mitde a beautiful, but as we. succes to no triby y with mas getting bute we look off our alottes I would now to the other rice, to that we could go have by a was road. Was with the will have you the most

promunet with land in the vicinity. it seems to be me a look day ander recurred from any desired Me day warry I lacked for the limit but they had the time veresay to rately at some is a fire a final that a sur the war or out of the depot on an energy the inst corner. He walked up on a high hell I had a very mee view of cross vino & the surrounding ownly. We also speciel some time in watching a. pair of cedar birds building their week, Cedar bircho for ther are always very late in brieding. They exhibited great deal of confide isin humanity, not appearing in the least fruid of us as we slood wear to the mest, ie was in a small maple by the road sides I know of a pair of there birds that built in a orchard when croquel was played all day within there fl. of their nest. They built I and nest in an adjuring true ofter the first wow were hatched of so had one nest of young travoller of aggs at the same time. this morning I discovered a black couching

on one of the small limbs of a normay maps ... The limb was not over in meh in diameter, I out when it was much rmailer, out a warbler, very still, with feathers ruffled as if it felt neck. I watched the cal author, meer am what to do, as I was quite sure that the catand the state the land and and small a lunto. However, a young man came by who thought be ought to throw a stone at the ear so my deseration same quiestly to an end though be little throw within a yourd of the mark I not in that - the ch now on the there eity was not my much of the small true of the occasion. am. that he throws in the any we to. Today I saw a sparrow on the yras in the Buttery at which two boys her. throwing stones lumps of earth to, I three times there misites hit within a few meles of the bird, who mesely jumped a little as the earth was disturbed by its warm in the grown

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our status to it they but me you pick up a coine, they are moroughly they are the ways it is proposed they

Deantin

ago, I heard the first of canthus nines stride lating.

This and, the matter cat belonging to Mers. norwell,

Cals.

the color of his few. They changed on ally but were still blue, or the gazes for vix months.

They are now yellow, and he gazes at one in a quiet odd was, out of his harge yellow orbo as her sits in the sum. I will be to their far, then I wasted was now in alation to their few, then I wasted about the shriet of N. y. There is rouse relation. Black regray cals generally have year eyes, while to tortoine shell cats more

often yellow ones. I saw a while cuton one occasion with blue mes but - I negling to ascertain if she were deaf.

j- ..

South Sure to 11.1. July 202. Since the the I can the renting about Starter, but havit seen much in the natural sites . Time wants a Cities while a transfer home a ser to set there, end along the read richer I not on the and with the year among whele, which I be Year and have it is a such a condition or C. I. as imas evering some of the 11.1 way aide chemes a chipmins's with my a swell forten of a tail van along the fine, and a young man here, told me that he had seen one without are candal appendag. at all. How evest fallen a little chipment must feel when he tras two tail pulled off, learn, only the vertebrae betherd, by a savage con harrion I be to do two he note this or are I have been where. Or far as i ow he had not appeared above ground en & I. her I left. to few days and the I was at me for with some of the boys, to the one of the variables do see and a really at suale, "ropidordus cipales. Ete, ... all. hid a me for till, the por e al to an extract or spring many many

or at least we any It. tright, I thought that - a lical experiment would serve 8 d of the . I let off les. *stockings, went in the water, * grabbed the make which I afterwards held up by the tail. I opined ito mouth I showed them that it budnet any porson fough, all. I throw it far out in the laster where it was perfitty sole. At are ime it for me little nik, & I also had how it had better me, & got my area didn't swell up, & I was n't afraich that il' would. The fracts of this little efficient was spread about the in by the body to iday colored by the found that I was a well known individual I went, this morning to mornin found, with my and, in reach of free te. " We obsered along the road sides, the great rariations in color in the achillea 4 yarron (actillea). I in Echium, sume spend of each officers have pink. gt Thelw calanus Thula Calanno was plentiful, and it was intensting to observe, how after they alighted on a leaf in

Echnin

leave one as for as perible, As as to receive the gratest - amount of was the of also their that petrapo theo learning and was you the perpose of showing their brightest colors to bitt, seen by the of the series were I captiond two new dragon this to The other is probably a since of Deplan This ofter noon I went out alone on the sould road or the came across through the fields & woods to the trade voet. I have so to be and that the not exit is a story houses whichter so loday I was particularly interested in ment have of there made in in the or hunging the The horse had chatting wind the building is will in the volage, being for from When the rails meet in a make fince a found a volum mest of this Summer. It was placed on a valte flat rail and with

protection from a over hemaine bush. I should very much like to Know if this obvers not greatly disturbed by the forming against the I saw I will his your It ening I lotd us that he was "balits" of my watching for a square that he had. reen pulling the apples off of the tree He thought that the merey litted to see them fall took yourse & that - them is no particular perspone in and thrower, it may be that they is end I string them up the the ground, as they are all to co down the tre . Thing tell me that - the evores cil lear sparte in the writer ine, as they do mass. I day 21st It is a very varing day, and at noon the. Clouds hand so heary that ? thin, there is little chance of an extension ording loday. 20. we we will read "a week on the Concord & Merrinaell River".

Friday July 25th . I have been on a Sparta for vides lately and have observed some Quart interesting sacto. The quail running done the wood informe of the horse ily they sometimes go up mlo- a true muslead of in the need dow, or thick gon when they would be much retter protested a few English open are here, and they tell me that in the under time they flock done to the barn; test seasons time when they come began fame's notice. I have seen at however, about - 11 - 2'vilo" I as !- out the monning for a vamble, the day bring a most perfect one. I have come to the conclusion that - the come from such to me touch than 9 and at had given it a did for, little I do not their their was us can here we with the other places along the Hadam war. Add I have tad w to the forgon your I de formation culting in a grant of the

the state of the s can de monte mille mente mente de la company the state of the s from the first of the state of the second show and had my in I think it was - Carried from the first of the " appears to be the rule to put three Sugar mailes hollow sentes or hereto, in the larger origan maples, about 1/2 ft. from the fromd or have sunthern close together so that Of the second of the second Line was been not been a to me have the second to though a Liegh with I have seen there many the search of the de la companya del companya de la companya del companya de la companya del la companya de la com - I would them, we to to of the species. I tried some experiments on the Totabelo of milnor better, as to the lungthwhen disturbed . Some wouldsin about fin

It others her moules but when me they find that they were discourd while ited", they rebrated their untimues of me of mexicus to be of ill carde lines los they made the withing their me or muita thorntie tog to I god a & land tutte which had dark my eyes. I did not look at the shall will of wast seen the eyes where I tracked and we are my it is to be the of the office of han our the folling but office: A. webffers, a. Cylet. P. harro, L. distopus, 71 Canthus B. alope T. calanus, " canas, L francis, 2. c. yalan, P. se wo & B. This afternoon I want to a meadow (Titman's) down the road, to find, of horseble, one of the small mammals that make the great number of burrows which I observe in well- meadow land. I am not sure. whether it is the winder

moure or star world mole that - waller 111 meta there mus ful - it may be both. I wet then the I been querally our and the meat of went to this mouse (terricola iburas) in dayer grand meaded served the been my plantiful on Courter Pa times in the & g & redering to, where there is erning but did withing been sund, in the we not disease any Serval days ago I raw a mall of the namuals manned in I dinano meadow, & thatthough a formered of is what started me lootling loday. assure , who was with Trans seed area. I clouded to the "woulding base of These band, & I had to let myself down by the knes on the Lafon to and riche, it was so very shets. a year many high bold " willing to end other, & I were before were to me. Priorus Laticolles was abroad, I saw serval & & flying down the mountain, I discound a g + 3 males. In the side of this mountain there is a guarry, where graphete in quarty is found That is not worker - nos & in the old Kiln

Saluday Il, 24th I weeke a all day Spector va ble It is have the armed the Prendon . I was to go of mor day me all who it districts and the Item road I followed was somewhat large for I often times made he - excursions to the woods. I captured a few wiredo " I think much them a new Hesperium to me. I saw the fall of bullethis as addity Etti Abilone B Lock & G. intermedia P. utalada & L. manta, in if the west comment or a sunge Indigo brid the variet are all to me is that of the Indiso burd. They are is to be all early one to eng had de your of rout. The la been a tid note entirely 1 Safar dian " and to me for the product While Bellied fen dags but todag whichelier mit harde. milihatete bird with a black mark on its had, something like the following.

I must not forget to mention
the bird line, the may fine
who foroduced by a quail & a wooded
hill. The quail was on a vail fune.

in I dis more they can the court of who to the "hob-white" neurice, & every time it whistled the " the come back sharp " char from the opposite hill. I notice that I - the commencement of each Ist - just before the "bot abele" then who the as if an the brawing in of a breath, which I response i. n a little way from Sparta, on the Meadow road I saw what I lake to be a y y be . It had long can, & I did not see y while the be I though I hid not book to have at the ties as to do process water ex and I was a workaken. It was quite young & a cloud lasting at each a magine come by the long cars mouth Com mer among an als I we havelant a I slood on the word perfectly states tot. at many a beltte disperient hoday & they in their fact shoot equal dill I looked at we. While cally line a chip it sal on one of the of the for just fift minutes when he st is

with a surrey good by the gent of the the and gray wood-church los. his direction, while we so I looking at each other as made weighters & me continued to year with mulical and water from them have . it wast at my the world. the radius and it is a comme strate at the same as street, there iens Il. road office a time to ver for dear the a five to much to be but a letter afinish Type the first of the set of the set of i med the field gray agricultante that I have denote in Au so or, gor they are not sometiment of the I don at a species of imofluta, with State of the fly with it - Hours, he did not do it is outs do, but carried it bet in her kegs walting slowly along in and The mall the their blows into the Anden room is a succe. I get there the en merely

there were an a second to the the that I face type with the come too also of the Mando mentano. we may be there me weren to have hat I time streams flow into the dlam. I down y dream of the loday that - will emply - into - old can far apart-, little brothers who though. man but and the strended by money. me - 4 follow equally lifty with Todo o to go todo , walted a at a which is not for to I tell the the owner and - come into the fand in , & the strate of throw the ent did new, I think I and a the conte of me bulg the the last in the direction of the though it is here. Is given, willy so to the of we I coult in a boat for a long to. on as the grade from shore his which is certainly a very charming feature.

In icomo with my mubrella & .. stick, - be to the dead branches alo the road. I saw a few additioned steer flies to those mentioned on my former bourps. "he, a c: & Grapla intervoga me Fraple progre ranesses antiopa vilcony pha a for hack and the state of the s the state of the s - I de la company While I save by the laster since a Cat-tool was sugare & I was listing to his muse in 'nour to lim. So sweet & with all gulle mild I ranced he was telling me to me of the troubles of his life, with now of them a note description of a romembered joy. How intensting it would be take brabilo of any bird could be write While that cat-bird was singing, ". song sparrow would . enny nor &

to bust in all his real for die to the Life with the et and finder the stands the top one of the second The transfer of the transfer of the to a the and his in a well up the or . The waste waste was a girl sail the time of all timeles, in mer two will agree on in a marker of the had been of there The any is a seed allo allot cuting a visto as large file promiselles to ag in , from theele it was delivered to a great muster of weller for per contained in a fee care, these before. being surminded by him g yas. The in me the onest pipes because heatest is but so by this meltions before it was forest with the here is the mouthou over, & the ges arrange from this formace (from my coal) was that which I have described s air. a fortion of their gue also hans di ... & follower to per thingh their was a little com to so that the gas hence the

boilers, the boilers run the air madeines which air is barled to gas & cinate. freed with the former when the gus " have in the there is a regular no it is pure madernal storage something of their class of the surait and to force. is officer to sow them we thinkey off who was & finall the worlding ... and the said and . When they are a lette cut they then sand on the tis & blue trote them up with bonny I com have . Bother was their hereds or I with I left this building was full of sleam, & the pigs war rapidly cooling Friday July 30. a dog followed a company very self to Maris Lase loday was a very intro is beast. Almost as ... as we met he picsud up a stone which he camed in his mouth & could work be induced to bee it go. When to a fence be laid it down by whead and, but shortly often had found author a which he carried in its place. When we got who a bout, the dog ford a stone stronghet it nich it up as annously properly for it is

Satisfay and all all and a contract of the 5 1 the president words the consequences o with a want the effective in and a de la seconda de le carrier fring out who the file. make a comment of the 6 7 3 1 of the terms of the second of the thought that the in. mist there. I got a the the former of in it. I should min have represented not red. that them was many built, ... con recled with this little charge of ruedo, of o war used to west is it this places, a called may attention to it, It-I goes to be on how it in is se by the want of observation or how anady anteresting facto ve baso, in the source of our varuble, This imming I start for Statur 20 for home which is pleasant, and for the office death which is not acceptable as this wood land and wells.

1886

verg. is ble &

Emorros a chow of cause in the frame " times stopped anging & insects were quere handwo and many hour like this you one when !! limb - same To this down Cur Statin & Cocada is a wir fellow exceland to i'm 6, canalisated so comme

S. . . .

The stag-bank hier. It was about

ide and the or

mest of b. draming! that had been built against this siere to the source up The all the son more we have auce to be soon our nor

Song upa our Thursday ang 12? Song sparrows sine o great deal in the moreigh arous, + indeed. I the they have been on, numerous this summer . d. An oriote los mastes hunself heard every mering, but I am not sure that it is the same me that buildo its mest near by a to one, it is probable that it is although it is about time the was gove for the south , I worked all it's reflection from the line of Black anto came have from n.y., in rietting this large pears that river al ty before the Burtlets! cound find any name for there in Downings book, but in all probability - they have come into cultivation since the book was written. I do not like them as as the Bartle of but - the big black ando, that have a nest in the hold old chems 'a near by seem to life Item much better. They sal very large holes in the sides, some of which are owite deep & it is intensting to tat 16. bear with the free & see them whom to the neurous of this peur current & show their gas in definer. if bothed with a stry come running and in

qual buste, but unless so distarbeet they are aft to remain in the fit for a long line efter it is placed in the basket. They industry radige that thing is going in out ride. a that the buch better lang in the france metal elisis queter. I have all It has the they stack law back and the quiter they con never operations the make a great deal of dust . . freat grave gs, which as how to the outside of the fruit of our to some at a continue. all the long was an wheel and of the will will have to go further away from the same in the change love to find. untilled small char , a dess they will take to cating some of the fourty ripe Burthe which he they were her Seman de : " 510. I have been lost ng ands mot after the rule that have their west in the old our tree but I cannot discourt that they have taken to enting any of the other pears. " saw. two come have, one lader with and calispellar & the other with a saw fly lume off of the current bush.

Sunday ang 15th I have come at on one of us hills back of most heworking itin when I can see " ... newarsh buy in to the O ince morntains regard. It is so clear de i mi some of the hills, I can see -1. rubbel grow hed through the bushes Rubbil guest now as I came to al hope the did not serately erself on the un nerous black berry thoms, in running away from me. If she only threw how thinky ? feel towards het she wouldn't away . int in what have returned have the man sallar. i saw a specime of P. cardine, the from one of the year. This is quite a good year for butlerflees must at the hims very gar more numerous the the new cart seemed, " almost en this the has its tripilio, troiles purhaps being the most shorte to species gust nows. I of glancies is abroad -, I saw a secure on a thingthe, where I

captured with my fingers but after ad let go. I see but my helle. of it. turne, but the beautiful Liminations ursula being somewhat plentiful this mann makes its in a measure for The seweety of our large yellow Papiles. I have it, seem two specimens of D. week they will probably i on we love. Sich to re now casting the last or bupa Pupa astin of Cnicket. unlast a log. August 18 . The Kaly dids stridulate Kaly dids now. I want two theo ere q. August 14. I went out this evening me some thick woods to "sugar" Sugaring for moth. I wished to long what on eers would attend a trial in auch a boalete. I caplical nothing, though to be never, the night was cold & I also got a cold in my head. Then were reveral Kuly-dids near by 7 y willow Mal man very elivering, in of the ha is something the matter with his singing apparatus. Friday August 20. The whole - bellied, swallow What Callesel have appeared. I ruis a flock hidery in the telegraph wines. The Bultimon mode

Saturday aug 21". I found. dtime mon pears on the tree near the black anto nexttoday. I thought I had pecked them all off. Into the report one of this lot, the auto last turneled, so that there was but a thin wall between their carers + the the rosay colored outside. This accounts for their not writing any other trees, though I still quite seem that It will all burns in a day or mon que, peur, from et that I to been able to obse - The lette ando attach - the bartleto who they ven gamed any turneled haying on the lines. And even when the little anto attack the pears on the ground they are not apt - to make the extender gallanes (if they make any at all, which they reldonded that I have Sunday Regard - 2 1 st. 10 Phasasaul - Plans Station Spent-it- in rowing about the clay beds on the for rille ride. find some pottery in going are ild

If ded and plemento and to be for all all in any field it is quested on the highest point. be discound bethetia chloroides of and reported by nor. Eadie from Chelsea. I then made and manufact of other inter to starte some of which I brought in The sun flower are now in their gle The fatty cardinal flows of blooms along the looks. Carrias yellow flower so common on and of their fullos of the per see beau limes about the older rodo, be saw we such bean & golden wood, bocked bogetter · Dandeleons an in flower at this season, their they of rest. being one. It is ranky that we see any chipmen on the sandy partions of the Island when then are but few or no stores. Today howered, we saw one of heard a sony in the ricinity I noticed this following butterflees: -But offer P. asterias (numerous), P. troilus, P. turnus, C. forolodice (1 specimen), P. ropae, C. philodue D. archippus, L. urula , L. distriptus Lova colispelle I found - a Luna caler foillant, nearly apples, black limes, beach plump, husklebernes Forlder " & alder bennes um pleutiful & un a I this the meeting that wild hold all made would add be a ys part, and partie lonight, faint hillte "peeps as of some brids were fly over tod. I think that Some of the Summer wards on it be an their way south Deformed Bartlet Pear. any 252,1886 The witer ellies swallows have Bird vigalin tree e v menon now, 3 portionale the little . u. not red there this afternoon. A second of the in a color of a color of show a series at home not the out of in just no name there as in the hard had the intermed to I have come lon salvina and some formet

on " " one gover crowned the w Sommeel thrush for it is the lime to at a ment with any for mucho. Finally " " Doustine and all the up will a start and quite orightened the little land to imped son! I also hear the while egid in 2 2 mg. While eyes after my an Indian implement at. " wheel up the fire sterio, the one this is insited last under in was so cold that I sould not som is copy to in critimo. The following from stone month an a few hat I appeal today, they being tions, from grans the out mes, on hill buch of In Memory of John Bedell Son of the Hickmond, new THannah Bedell, who departed this Like full when old on the 8th Day of June 1807 in the 59th Year of his age. British fort stands I want the world without a Fear San for the Friends had so dear To hear their sorrows Lord descend And to the friendless from a Friend, In Memory of Cathanne Trife of John Bidell Who died Dec 15-1,8 3. aged 81 years.

The golden crowned thrush for some time as it walked about looking mondo. Finan il came a an Dows .. which flew up with a slave and quite frightened the little birt, who grouped serval inches. I also hear the white is a room one. Afi mig an holiam into me to al 16 rase I interes up the first in alineo, d'à a bi'at . visited last un der but was so cold that - I would not som - copy the inscriptions. The following Iran stone usent leens, from grans an a " list I copied today, they bring, a hill back of the otaco! wes , In Memory of John Bedell Son of John lichmond new will when old THannah Bedell, who departed this Like on the 8th Day of June 1807 in 1. British socialis 59 - year of his age. I lear the world without a dear an for the Friends though so dear To head their sommes Lord descend and to the friendless from a friend, In Memon of Cathanne Trife of John Brdell Who died Dec 15-1,8\$3. aged

May un like her propure to west over God and seek over some in youder bright abode So ma we live that we may meet her their Und wake from death a higher bliss to shave. The brus book more little books card on the clove than what they are interested for But mine do not much suly the original problement, without In Memory of John Bedell, who Aged 63 3 months + 13 rays. In Memor of ann. Wife of Moses Doly who died July 17-1783. Aged 48 years & 11 months. In Memory of moses Lot, who died march 7 - 1785. Aged 5 3 years and 7 months. There were ofter stones to the number; of Susen Finanti, aged 59 years, Jacob Frank aged 61 years; Harmah Cole, aged 87 years and serval to the memory of members of the deether family. Last time I climbed up this steels huel to look at these sames, the cold well and done one away, for it is a cost of his per were

and the modern fell musify one Toda while I was copying the inscription it are it to the de potently & 9 could see the black clouds. I defefor the status but it did not rain + the country is as do I do Butterfle. The following builterstrien were observed -: apilia aderias. Piero vatras, Colias philodice Da ass wrelig pus, argums idalia. H. tharos, Vanerra antistici, Pyrameis sp? L. moula S. alopse, Ansyloxy ble mum lor of P. peckins. to the determ " example Aturnish Richards village, by old St. And we church and acres the bridge. There was me little stateth of Shielwith quite a mube - of houses on it but they wan the work broken down lot of durlings I have ever seen. Piassas fallen don't, are quite large building on the right leaving at a angle, and almost ready to rest it's timber on the ground. Indeed it struck me that then wasn't a whole shutter in view. The houses loo, are built at my odg positions as regards one another Idenvier all Richmond is some a former of home

Tuesday aug. 31th. It was only two or three 1886 days ago that I noticed this first-grape turing color, and now nearly whole bunches are purpl - so test do they change when they are commence. Sunday Deplimber 5- 1886. 10 Old Blace bothery, Followed the shore amund are old coming have along the Tumpitte. note I drawl out if an old far heared well near old I have mill, the busher being made of a pieces of wood + heavily hooped with im. Pieces of wood had been dime in from time to time to Keep at from leaking, so that the numerous mendings lent are additional chame to the old bucket hing by a crowne at lunch time, after considerable effort, I succeeded in getting in top of stack of sall hay - a very large & a my high air. Item I sat and ale my bruch, looking out across the mendons away to the Jerse, hele I could not see the Kell in many places, & the boats parsing seemed to be moving over the meadows them against the the of the start .

Loyke along all along this above there is a sort of natural dy Ku or doon, which Kups the the shore. high tides from our flowing the land, I where there is any opening, artificial dyles have been built. In this way, me mernel told me much of when the sall water our flow it occasioned many Kinds of negetables convolities. raised. This is the care with the commune potato, but - the it is not so with the sweet potato, which was growing on land that that been under water that Spring. The elm trees planted out along. the real country roads do not seem buller. to be at all noted by the elm brette I alsowed this following butterflies: P. asterias, P. troches, D. rapae, C. phildie B. W. files De archippur, a myrma, Po Chama, J. mbrogalieres, Vanersa antropa, L. urrelas, L. disippus, S. alope. C. americana) Dr. prendare icies, a number, 2nd 1. puly Many dead leaves are falling now I we leaven along the roads, & un the swamps the red maples & sour gums and rapidly changing color. I saw many many brightly limbed ones in the magnetical and middlesque.

18:6 I day beflir her to were now in the fines. last the street that the street that Migraling sough of birds for ing ... I think It a the established amusement proceeds, with their many electric lights, have attracted the ungrating birds, in It , way that light houses do. I have never noticed them on September ennings of past years I is this reason that I think the the true, they having allered their course a little from the down the 1 the Hudson. Sunday September 12". This morning who be er a contine of the hime, (which I didn't find) I discovered a to autopa one the main state when it untep " I endenthy been all might. It look a grat deal of pooling to make it fly away, for 3 suppose it was aslelys. On the g oclock tram, I wont to and Briller on N Briller The attender the a number ey from grette. He found me in is claime to it were, and the war will offered state But & 9 mile for a smalle on Grosso fet - the and the same of th

11 1 11 is I saw no white-bellied swallows flying about as a probable los late the ham your with. It was the 8, last-year w. Insticat them in such all alivo this built , Hour it, we saw two consider while flicks of place, (species un known) and they were induced on l'autiful. In their flight they fellow or fly in ouch perall & lines with re are to one another, that Touch non name on the self meadons Tordo 4 so were the Bold'ex Crabo in flaces. For captured a number of these crato, seemingly of two species. Our Kind had, a back or - thorand, mothed with blue, while the thorax in the orthors was blue to green, ser is gt any mothing. The first married Knich was also found much further from the water than the other, some of them running about that sand a long distance from their burrous. I wind looking this and up, to see if they are cally testimet; but hand back broke yet. (Monday morning, When obsering the box on which I had kept there crab over night I find the bluegren backed ares dead, while the the and all oleans a fus beach-plum were lafe- but - work

HOUSES UNROOFED AND MUCH DAMAGE DONE BY THE WIND, pl. bush theo I au hund server appen Conocephales that I Conoce f believe ago on the recodours, (C. roberolus) yel I have got no I approached - the sta unuld drobs to the guist, wall respect to a some was unclearly with the state of th often find them sta e ads with out to day, on to now well up the potts. By the potts. By the potts. By the potts. By & this position offered of their bours to me The following butterflues are no lives were lost 14 13 1886 mether flee Danais archifepus (in great numbers), P. Therro, Y. antispa P. Came anda, L. urs. la C. ame coma, x a. miniter Then we re out on the thou it conamenced do thurder 4 by the hime got to retions house was ranning quite east. so Boutton levet me an a rece

of the riper one had been prised . There is a great difference away these bushes, as to when their fruit ripens. We found some on which the foul was or green yet, whele on others it was fur advanced, as a rule ! It it is sake to say, that the your or the bust the earlier the fruit. al'heart this appeared to be the case, with those bushes that we ox annuel. I coplined serval openinens of the Contaction of took revival year. Complate ago ar the weedows, near the Rout, as (C. robustus) jel- I have got no name for it. When I approached the stridelating usesto they often find then tranding on their beach without bolder on to the grass stems, I suppose they were very much frightened 4 this possible offered the smallest fortin of their bodies to new. The following butterflies were observed !- P. rafor, Butterflies Darcas are (in great numbers) P. Theires, & and to · starte fire also, a considera, y a. con the When we were not on the Boul it server exceed the the de + 1. the harries tast. Was to wine it is in the

to get to the station with, but the glore w : - sere - the - it didbut in little good. However, when I commend at new Dorfo statum the stone had abated hellh , and as then was no run out, a little und " I had some time to want for a train, I thought I would a el lo garretsons " ation. I tall not made ever bould mile we at commercial to violently, the water coming down in sheets, & carried by the windwill- great force, so that I was ... to the stime in few moments. I do not think I have in been and. un such a violent ram de un before, It-did week dawage about the country latting off noto & upsetting pleasure bouls Friday Sept- 27 6.15 Q. M. It is very cloudy their morning Mig rating and an lost a of the winder, I observe a and muchos of swellow going south. I have not. her able to distinguish the species. I must han see the end of their flock, for at 6.00 a.m. They appear to have all pursed. Proteinday have to a I mailled hours from Part Findament Mation the alluminos,

of the butter any . a i'm he . 11. was flying high on. the pands, tople. and an a wall of a Hyla versicolar The frag was in the sun stime, and il was microling to note low more tthe almos woods on which it rested. Sanday September 19- 1886 I went Rich de take, I It ight it looked as if it would re ; yel- I came bome witha dry coat. not like the one I von I n'ice! serval fish hawsto again loday, x mis pueled as a large stone or the trusts of the frank are the butter back " Rulmend village. There are server Chaming the field and and with without me asterio It is of them being youle made the able to a setting room little, with rather of were the and in the factions moles moment of the the whole tells or low row, are and in moreld be. - I heat i to whide their ways as

a. I named, I think I. carolina) was seen 1 mi flying about but it excepted. conton Flore and the same of the state of a larger of cali-bner on the borders of a thick wood, I noticed a large stone ahead, and as such rooks are not pluite just were I was at the time, I made on effort to chine wrongh the third youth. to i'm vicinity. The spot proval to be a small open space surrounded by woods and i be a sure with and poster I the differ & openes of Empaloroum q. to any better proportions. In the open to. lay the in a boulder, and as I app when I heard one trug more off, but unfor invality I find loosted in the wrong direction. When I loosed the other ing I discovered the course of the norse that I had be and, for 3 observed sur quite large animal skulling me the bushes, but I was mable to make out what it was. I mu the at mation, morements to I am inclined to thing her il was are of our large manual, that - 9 had surprised while serving himself in this him, . beard two Cicadan give a joyful whire, in the middle of the day, but as it chouded up, I head no more of their music

Technique the more interest of thing them - i itosamuel lodo, was the attention that a make Commetters faid to a final as they sat on a brownell if a small ha afon. The war quite a number I these muselo crawling about on the serval C. fascialus small lines of this King, and they had for the more pare very black legs & some ble cl. martings above the heart. I do no more the specific name as yet, but it is not minus as the stribulation continuous and not pulsating as in stial- ofseries. Served museolo an Called !! niveres which i' think ! to different species. Then I first sow the male I finale insecto in greation, the of was lowest down on the sassefras true thingh with for imigh elevated stridulating family any little while. He did not under these circumstances, Keep up a continuous". as did the neighboring males that had no jackward will his for wings still end one his buck (as when stridulating) and the frale come from a little wor as to de con the abdom of the mate. She then, as for as I could see, for I didn't - down to it too close lett I should distrib them I guilty stroked I is thorax ai

base if the ocean lang wings with her for all the time this was going on, and it was a good white, the secondary unight of the water were telternaity present & relaxed on the sides of his body of his antennae were virtualvery rafiedl. The autumnse of the Lucile (Ecantles wer brand against his soul ringh and did not more or rivate at all, probably because they couldn't a position o' watched these insects for about a talk lever, and the of running away on one occasion it was interesting to see the I hooking for be - , morning up all the leaves and maketing and love it is until at-last- be found her on the end of one of it long the twist, when I observed the proceedings as described abore que trois inthe for lie en el there was a poor love wate withhe would approach near wough to touch the others with his antennal, but would gridle retire after doing so no he was wicherly of the mon

but I saw in make men after mostly in 18% a way leat - beto med no friend buf. in , of the court three or , and they were un over, had me had beg friend me de mear the strong lot write, a also severe at parta Us I woulded along I oppid a dead tree or high sti up, only 3/8 m, in Manutar, when there a flying ag well and almost him we in it head, such was its heart to get away. I do not see how it could be no been very comportable mouch i someth west. hear t flying ag word abode it do cound a very large ecder for one grown in the thick woods. It measured oft I'm in cir aunferen. . It had e ident me be forted near the ground, but one side of it had brothen away long ago Ilp in to top there was a wo mest, but I did not climb ut to wee but name fry g agrands it -Endurantes D, surviced a worn stridulating of the stridulating, It ugh the days day

- d. It west there is he will be the first and the ing of the and the state of many or a survey of the the territory of super, C. hilled Prutte flier to every the stars of a terrigotion, The defendance of the confirmation of the conf it is the second of the second Three med-headed woodpeakers were flying Red adid about in company. Two were so much smaller how the other one, that they cannot have thered their full growth. Sunday Sept. 26: 1886. Though we have tod- some the of late boda, was wild The second of the second that there is the perturbation and all will 3 min so the gig I had ronde Bernal others during the day, when al-got roumed. I also head an orioles (Bultimon) this he note in one of the same strus, on the way to the boat. On the my to Elm Part in the raws, a dence! then was a new of a dancing time, der beer. who would all p about while one of two companions who that the war during for beer so he said. By and by the conductor came along or bain with

chal with the many water, none of which 186 was over heard by those near by. When the conductor had gove, the dancer for beer. said that he want told him al was Sunday when sepon he down on his threes, and danced the rounder of the time in the position. I no ced the ollowing butters lies on my world how i through the woods. Papilis troilus, Papilio api . Prens ... , Colias Butter flux philadice, Terias lesa, (fine one of the reason). Danas archippus (one being deformed, both hid migs baruld and of but little use), Physiodes thanos, Propla sp?, tanersa antispa, Pyrameto huntere, Pyramers cardine (plantiful), Linen Lis unula (ringle an), L. disappus (aughe one), C. americana, Lycaena psendargrober and a. minitor May Company I saw a This the fuch on South an, that was a ver decrepied looting end. They are now studding, and the poor fellow's fetter, were in a remarkably disordered condition. o I vileo at great many if her webs as I walked alone, and the was one of wie that weed a consuly firstly towns me delf de many le a la me yellow in home hid to be the my large yether of the following the mount of go to have Some of the stomas,

nests that I saw. led to lawf that the spider has turned or twisted Reserved to the second In the middle of a clamp of load stools that I prosted, I found a Wood frog i R. regeration or lemporaria | had en stulled himself in the cool retrat. (ill the water (except by the brooks) in this usuall we wood, had dired up y this was t'i most more place for a long · round . ects under The Shag bar is brekong is a good place for the burst of beetle, for by ripping of the barst many the Wilited can be found. However I didn't do much of it as 9 felt sorry for the por treo that looked so unvalinal. after I bead robbed them of their coal, new salvalu I cap terned a new Calocalm flying about an asles or golden rod, I reglected to other which. This is quite an addition L'our S. I. list. "I- was one the yellow underwings. (Hypocada Hellie was the wrest of In the swamp near Bulls Hoad, I found three herons, I think they were trighetterous, but they few away by one is one

a good look a . the . also we are a large the Bulls Head, I found quite a large Sour gum tre, seren fe- ten inches round. Il Lollon, & on the center it and to. placed fort to formed a ... for a fence the rails a terring the tree by two holds at bout right angles to each there. The tree was old - " fuel of hollow & " , which were linauled by Egurral and wasps. as I approached about you the line quett, I saw a gray squine sheldcare the by can when the fit was, and go around to the other side Efeldandre of mil one of the name us hous near the top 3 suppos, for I and one noting of .. when I so were It. grand, a young one, or at least - was small, that permetted me to get quite close to it. I watched it. losting or something to lat for a long time, of finally it found an acom of thuse, and made to a large holim obesime to I all see more of the gray against than 3 do of chif ments, which appear not to be very plentifule. I throw of a of 2 bill side outen thing are to be formed, but I see but few, exception there particular reaches.

Buchen, tel 3d. The 886 plase i he have da, soums , rend - wath the existed singing und we open it on the , will will under of the Throat of the best and now of though for han falling, but the burs are of an on ? in the woods, I we saw a Red-felled mutilatele " head the very much more our non White-belled one. However, I do not bear It is little-belleid . I hatch so very often o B. 9. Though in wish-places Mothward it is a common bird. There was one poor the Cicadan singing i. da. faintly, for he a no find of the past cold days, and will on die a victime to the north wind. The a road of governeled to the he wastered our of the last words that I be ican. It was made ended by a column of dust that whiled along the mid for a great distance, a was finally broter up by striking or ent. The affect indices was very mild,

a great flock of crown were flying seemed. fromd in the air, circling in which the same way that swallows do sometimes as we were in the case " had and opportunity of watting them for any qual In the Carrie I am I will a train that is we to me. I am found some Cassia bear pu an underloped condition. The following butlerflees were flying: - Papilis asterias (our), Prens rapar, Colias philoderes, Durano aveluppus, Phyciodes tharos, Empla of! banessa an a Pyrameer atclanta & 1. cardin ! Pors mons are ripe or wite apples and Porsera nums f. l. Manday Oct. 4-1986. as the bour no die the m. y. doese this-White has bethird really they got in the toy. ... we will call only I head I it the fat dies and about. -1 many successed of Commences **(** .--There was also a P retine we and un oceasional Fichelina agilis (... ... · but to days of their make vivare to theplan an neady at an in, and the amount are

1886 Tuesday Oct 5°. he a little hatch of thirtles hat I walked through the afternoon, I see ! On bumbl here. fin termble her changing to the places. It was alward dance & the ber had g to deep on the thistee as wight came On. They were . Il large found, and are induty to be the founders of next in October :. . ' saw a sing a yell in the bon this morning. "If the sun view red and goes to bed's soon We'l' i av var before nigt - if not befor ' Grell in Bay October 9". I saw a record gold in the On the position Some time ago I sound a clary walks of of a chrysules P. rapae that was gestined to a most painted board in a restical perition, It had been a tasked by ickneumons a, head. tal ven . I you this trail it. it as all set the time of broked Colober (Sunday). "Ist day was so indirected. warm that it quite would the Kaly-dids of I heard many in the ening. Today was also a pleasant warm one gor this season of the year,

y the insecto of interner use are in fire in the sands about Preturnal Vetter etation I noticed a cour lettered me quite an original way as I rade along on the R. R ". Then was a wife strete ext along the fence for quite a distance of the late & to which was testined if a come in the . "I The en was attacked to this und rope 4 was able to more for juil. a distance some by U. f. ... the state of the west. some place to place. The following butter the war observed: Privis rapar (abudant), C. philodese almodent), P, Itans (serial openium), Grafila of? (one specimen), Vaneral anterpa (serval openion s). at about 10 oci est I . of P. retireve Andulating. It seem stone fightly at 11 home as it did all day. C. dissimiles was also to be heard men be, and it is very intent that as it gets later in 11. autumn these meets straulate vi. friguently in the daydine. Ingllus abbreviator was que plutiful along the boorders of a field, the q's for the world the tours tours of having of their eggs.

al-11.15 a.m. 3 drewed a con more more 4 money in der the live sand, and after watching it for a while I made a sedden jump a captured it- Il was ealing a mill peale which have which it de I not relinguish until send time after capture. I placed is on the surface of the d. I it re vained by quel for so long a time that I many ... I had best 1 - after a while it commerced to dig and it rooth de lette on a mount sonch to get below the our face, though the ground was loose & sand , such it . as subjects port grass (tudence) which grows in the name! . It very shortly come to the surface again & mond to a new apoli, man hat. Here we what the same here as before itin a cost seren for him straight down met the week, there it - look your " little way I due can fully after the surface; it digging quite fast after the histofice inches had been out of until il gol-below the grass vools to that an The male was the surface in a thirdle mat-

I had a were it of thirt which hand I arimale in the affects of an harry word beetle , to enlarge . en I atil it of the first of being thrown ... after writeling a little line, & by 4-by the bird paid me 'tylew who in a frightened manner, I un. very som that - I had que so went. I saw server & other word feellers of this feens during the day, and me of. them that was on a fine post, hopped i ellevards (tack first) tonurds the ground for nearly us whole i they about lunes lime I met a black was make & aft planing with it for a time & trying to get i'm to either . an or follow me when I ram I sal down near - & commenced to sal my buch .. Bascanium looked at me from about a yard away of Kept at & the sauce from a - a " hour, and the many being the second of for my any faster, when, I formed, ". would turn about - It . I.

mild former. I noticed their when al morel aux. It I when vagra. think undistinbed it continuell, in ils longue as if to text theny thang that lay in to way , I should also . . in that we make had lost - west of is tail, the state being very bland inde Don. is in some are not a con won this all I saw there today y terra "ast- Simolay. ". a male land tirtle that I examined had - searlet eyes. I long to let more weat the with I by perse looking at the eyes of inmany get it correct. specimen men timed, was quared for the space of an well and one half. But the was less their trust to use note that interested weeks a mediate is the first the second almost food to menter, that - ? touch a recommending holian wifts or men in west time. Some lys had wed il, & ereal other days, in opening without much with out Huming widerely what it was that the were your with the rough figure that I have drawn is of natural sign

referenced at a so southed out. There is also a semila. defression on the oppositioned The ideal to the show finduces of use 4 il' may to be that - these were the portions of the stone mos: exaploged the tollows only long made to afford a bitt purchase win grasfing the implement. The ends are also thightly I find two willess out true about Willow out lumby for leight. Up to this time live one line had been di corrido un the Fland Treduciday October 13. (1. red but was trought to me today by about turnly of the members ! the ny Prod- Pop. It had be a captioned an one of the offices & I was miled to produce, n'in I did. I brught it-home ? haid it on the bounds that could the coul bin. I wished to per it "this tal could like flight from a perfaitty flatsurface - 1 it ildid nost effectually. Then was but it appeared to be rather a young individ.

18.6 S. in Oct 24. It has not re us! for a long time of to woods in emagaine are ving day. he many place they are on fine of I worked or quili a where buer - o' the moran and ex leny, trying 1.1 Sames a truet - I swamp that -. V months freehas beene so do that the leave never turning on the more, ground. Serval a vol ango (K. Sylvalica) were Jumping along as the fire advanced ver i . of I marce a moute come d'un a true a lette way alread of the flames, it is think a was the desturbing cares -. There are very few muto this your that is heckories I chestrulo but I filled my box with was - with I did not on god one chestine though I Searched a little. Howard persummon wor oud, 450 um a few apples the is med for I had to stock to a con the less a englower notice I showed he an apple at good a distance. Near one of the apple how I saw a while robbet that took to some under bruch as some as it discount me. It had evidently

i fried a strup or still, inhabited. by three flying squirmes. When they genified off or flew" to other trees are I noticed parious did no some to the bottom of the trusts is he jumped, but - directed his owner to a pant quite light up. D. trapae (, example) & C. philodice, (plant ful, spenes of butter this I moticed. Butheflus I saw a queen raumend... on the wang, respon exatro. en leut bosting for win ir crear in. in . hollow in . the bursed and the beaces of lead wood leaves to we find They la von color a Hyla visicolage Does 's spendi the writer such a set a is ... a black snake was summ. Uself & made of I al a very rapid rate when 2 proached Bartholdi, Statue of Liberty Day, Oci 28: m spile of the very heavy rains for the past his days the sw. ps that - hade the ser fine a little shoulding and it will need all the it is the if who, a re setate to but the restint I would to Tottemache there, that . soule - able to of web was not

of Indian implement , is a a tea stones an " Hing stow more plannly there at other tour , I lid find of the best humen clones, it is bun my derline to discour , it a other mislements, bu wothing very muar Kable it with a string is now hanging up out of down to riper. Three i everyor or while I thed Burn exchers "hat: won I wasing one a cotter surpany & also extending their friend liners to me. The hour enepers flew away after a time Later the west later for getile . The seld of it - - who I a brunch, especially after the enepers were and, & call his retter delegal with as if he ared for the whom. Thate they were bound he was always lasy, and about the take with them . Certainly there lords must fond bleasure in being measure mother, otherwise we would not died the difficult

is not fancy alone that - made the nutbutches notes seem a filantine. I measured a large ceder bree but the string is in another poetel. How is I with , is it down later on . (Inc bfisin ming) Election Day, Nor 2rd, This is a remarke autumn - so warn and pleasand and Into was all that - could be desered. The resul Election Day & server of all the natural history transporthat - care lo go on such a rainble, was in inde, and about this - people got off a' annadale Station, walthing down to one If the hards near his reach, I fact through "The words to Elling rille. "gode, sures! Turlles & Smalles surring timbelber, or I heard a "Kaly" did " (Cyrtophy llus a reason · line to mark a spremen of the Some habits little striker and renobing highe with a straw, as I did so successfull the second of the second services this in Hours, he , or raller she did not of the lot eating on here. z'all to office and it is assisted to the her had wood sidering as to get the best, bite at the fruit:

a qual muler of grass toppers were in a about in we observed this thoung be terflew. Previo rapae, Colias philodice, (boti commu); Danais Bullerfler archippus (live specimens) Verres en antispa., Py . .. atalanta and P. huntera. He saw one Janus that had a great Lancio's deal of spider we attached to it's body stil a la. and as it went figur over d'et. the web flowled a way 'ching The grass bluss a dragon frees mention alon, loling al to but few species though great in numbers. It can gudged how name the du was when some of the party & d 1. los hot sitting in the sum of a second to the second to men, & they taling down as you set muder the brunches, nesting from against their dead odying companions unt they fall at you heel - ghopts of their summer selves, though to said months de de courses us somme to see a poor war butterfly fleeacross a field on it's last exercise, and some how their dropping of the dead antimy thingh best of the forest processes of nature does not bring up the same feelings, the some is not so deep. Yet it is

as natural of 11. I'm as the least to i'm 1886 & perhaps that it is only that the les am I go fulling, & his dead by the thursands about, us, - so It stipule " ... I that we do not notice I im as were whenes the bullerfly & we do weters. dine to ar a tu Sunday nor 7". This has been a cold milen day willi an occasi ; ust of snow, Still I saw a butter fly in a surry most but could not till whether it was a Amble .. . Pyramero il wa ... inch a land when I approached. I am we all the of the only is in deblerant free of the met fire in chicadres golden-crowned Kinglets. a crosted to tit in one of the flexes. The The more lives have conner as considerate a Hosperonis' vest. I had been but we the comment

268 for time were " today I found that - the verit of hard near was oline that is were in repair. Some intenting I collected a few funguo qualto; fungus q. the one from a while oak string having attacted itself to a five of red and and I brought for gues Island her e together. U fingues that - had grown on a suppling chestral - that had been Killed by fire, had made wer. supid progress that it had latter the space of 2/2 in. This fungues is if a batiful while & del como the soppling, making it appear as if frosted over with sugar. Besides the thing mentioned above, the are also some grasses meluded is the substance of the Jungues. riendry hor 8". Then is a mouse in the last their I suppose many be called a " in jung morre". Last en my he as behind on the in the All noon, Tisture a mond the my he your behind the same table leeves still Kreping up the singing. Later on in the enning he was under the floor in the diving voom this seter

he has mond to the other side of the house. The "singing" rounds Something like the querging of water from a little straw franche between the walls, There was quite as been, find being quite rolid in the test enting ga. me the walis for the chick no. I unday november 12 the Cifler discussing 3 ishofspers for an hour or two this morn o W / culenmuller & 9 went out to see what was broad in You would hilled the way of beasto". In hard no ort of success in longing to capture with a west of success that too late in the year, as we med with the same but he in year about this time. A few seriwith complete approal & no field on the of the the of the re. , he nature red to entitle that blesomo in ma, 7 pour also bas a. for later flows, to we found commencer with numerous dinner was much fruit. Grabla of ? no chame

Widnesday nov 17: On menday lust we caught - the saiging nouse that I spoke of before, aline. It is a for the little fellow tio enderty distance. When putting it for the top into the eagle it?

ese to the delivery to eat at a sure of the eagle it?

when the same of the eagle it. much busher. Given on some occasions it seems, to totall cease I I have put me car to the low there and I able to dutif to any ". I'met up. and the same of the same of the same party En ners agan " amuel describe the sound muche le this me a generally thingle it is us I have said something like there produced by a little treen of water Ou some occasions it resembles the wed you shoken very rapidly &in quick succession, but the mouse gins so many modulations to its not that we were word - the I will the the little beartie of ser

notes on the Gray Squirels. The two required that habits of I got with of a west this storing are Sciumos both dead now, one dying my chartly Carolineuris after I got them, from file of the other some what latter of ... causes an Known. I think however, that squirmels will not live long in captivity unless the are provided with something into My fly in gill his lind Till to fact of a frate had the cel of the test. intermette also was a grat favoriti they were to in their all die this was a dedge of the re Mind Con a contact and the feet is of I and their conser tothe of my ogueste the Leto have when I On some occasions smiled beg war. enter description of the Their method of hading the up an

pur one get on the others buck & so de l'un down while he pulled wort it the pair of bread or wet, & it he got it in the same of the same mult would change mouths many times before it would be entity ealen. Then were me y unque il muto but only are squivele was included to do this part of the work the other whying upon getting something away from him in the skirmishes regard to. All the time these it is scrawbling watches ery; a re of dissatified grant. Amorro their quands were easily and did for offin times when one was liging son the sun showing the other on the bed & body, as our do one mother, When a pear was given to them the skin was first removed hyllingind, byfraresting, sometimes quile in lunge space being pealed to for & end the fine little nibble bedy to gratity was latter. The grace

It is worse the out to the lefelunger as mail in the letter friger. of odero for with a lame squir L that permit you a pull your head close down 's his while he is nives ligating any thing the.
anda to sit of the first things to be remarked. Like sult succe restele & this mores in Rept con la ety morning lo calete the varied scents that may give there a viledge of the My squind used to some to a small and tole the organ instead of petting its eye them to are what was going on with it, it ... ld place to one at the opening showing that it relied more on the sense of smell them viscon in such cuses. lifter one squial had died I pland the rage we might in this chullen house hanging I up a a want. I thought their the squint with like to ween this only to extend at a distance a ital the

.

amuserment. However, at the end. of a day I found a serie so frightimed that I would not come to the burs of the eage to me where I carrie to feel time so I with others look take him back to is old quarters the soon regained the old time sociabilities I bern ted this squire to run about the garden though always the fine time in view. On such occasions almost his first act was to roll in the le co or sand that abounded in the gutter of the garden they like other was been as minuber of signs & crys to rudicule their mental state of stranger. The low grunt, a plaintin protesting sound I have spotten of; when surprised they nitrate the whole bod supridally and of the tail which is accompared by 1111 1 sound on a for pais as I have seen the faming my caption aprecioned do. The Min caga was approached with something to eat in the band, then of autisfaction or impatience, I do not them which

Sunday Nor 212. Mr. Nicolas Pille the materialist, who is particularly internsteal m Herpetology, wrote to me a how days ago, stating that he was much intensted my list. the treplates found on 3.9. of that he would little to walk out will me & rew them in the writer juarlero. Do today, which was 20warm that an our coat was an ecessar we will wood ward logalter, I found many things that we and wave search in for besides interchanging ideas ringon ation, I clarition the found Rana clamitans in its under quarters under a stone by a spring, & ac. grylles was observed jumping about acris gry llus in the sem stone. I found serval I fusca specimens of desmogration fuscar & Spelespes melor that pleased nor Pille Opelerper . particular the former species. Opelerpes S. bilinealis Telementers, old ones venue taly grow! are found in the brook flowing from Logues spring. Mr Pille says they have serval brooks a year. They are not very bright in color just now nor an this stripes so well defined as those that-I have captured in form mer ?

in the still fanourer, this is a gueral feature in the life history of Batrachians, rather than a Colian philodie, was flying - I saw quite a number of secureurs. There was also addis fly about one of the springs I we with me two spent a pleas hour with the collection Thanks is ing day nor 75 - I went to Michrusnel lockey with some friends the last it runed so much that il was it a my pleasant rouble. The were not work land shot a valle on two & about as many gray squirmls. He saw our lin rabbil. , but no sque lo they for the most part hiding to the best of their ability. I winder that then are any left at all their existance being the best proof of their curring. I wo men who have been reding a car Richmond for some time lotel we that & Kunsks while eating lunch in a recent house a day or so back, they saw serval. skimilo come out toplay about the floor. The line is one of the

with trosun dutch one and wors I found a fungus growing on a white oak on the top of which had fallen a much of hickory and shells and as the fungue. grand the incorporated is the Today to rofol a education as of di the line to tide I some has now I hay former cold in We lad a very find tolde underweining when our tolde winds of windly - The while ati it in the left of a larr white Il rame felled ... the shingles without; . I thanks giving De, was and spent in the proper groups by us ramblers. nos 1.7' agrotio saucia found on the undow. sill by a faitly ofen sash this morning Il had creeded in by a wash cloth that had been to gout to air. It is very cold now, Sunday nor 28 - Today, unlike yeslerday, was ware ofsleasant, but I did not go out mutil afternoon. I visited the barn when the numbers of buts were last survey, but could nothing of them is my though I loosted behind all the beaus & into all the works & orumies when I thought - they would

be little to hiternale. I think the is It "little bound bat" but we Carolina bal nest sure as the head I tringle to a was animal there of de female. with toill much won. 1 See June 5: 1886 Inda, December 3rd, Beliven St George landing & the Robbins red light 9 saw a great flock of gullo this morning, perhaps a thousand in the The man the little Bonaparte quel, Ponapirte beautifully white with dark warrings. I have never seen any thing like itbefore, erm on the South beach when the common gull emgregates in mulars, I have not observed a flock equal to this. They were as a flock, stritetied out in a long line, I seemed to be morning toward Tlill son There, though I noticed many flying back along the line at times. I was sorry that I could not watch their lenger & this afternoon looted for them again, but could not ree me. This is a range old day

Sunday bee 6. The fire big snow 1886 Sumo salved inclurs. It mound about all Many of I do not I wow when it com amend me the morning. Tuesday Dec 7th . "L' moved again last night & is snowing noi , having coming which so that we have their coming for flower & bear -Inday lec 1: " wint in for a walk today though it rained slightly when I started. There has Como hem some garbage dumped mear one of the med on the edge of . word, and the every resort to 11 invality finding considerable to cat. It mind quite fast; 3 gd up ricto a cedar tre on the borders a swamp near Petrix Latter, and watched the til. There were a Combinal bid finer of Cardinal alines twhing about in the thick growth & sometimes fluine about up into the highertree withing fine yants of the Eldar when I was & I had as my good one of her. The

in the inell birds. There 1881, wer as usual unaber of Chickaders or ydion lindo, and I observed that the latter were were birch. Many of the birds were that they let face this to the ground on the white coming of suois Sunday blee 19 - Today was my war of of the forces in clouds. (. Winne In me bluce when them was a inight board force the our diene limelly in it - the coloud of upour extended helf way across the and. But it got cold Tyoggy later on y a dore lir all Spelespes: a Soclerpeo ruber that saw my studio over a spring, commerced to dig in the much at - dhe bottom, but ostricle like when the head Ishoulders were count it thought its tail was out of right also. However, I polled it dut & fund i'- 1- be about = 2/8 rds

& quite dard, but then they are not so brighting colored in Nowlet as in Spring & survey I captured a Caddio fly, the same species that took on no 21= o also untered a rubbit for come time as it meandened about through the thick growth of bushes on the bill side back of Butters pand, Kist The while coming of sun showing its groung body to advantage. It hopped off after a time I'd did not Hiburnaling bal Frednesday Dec. 22rd. Lesterda, a friend brought me wat I take to be a Carolina bat, that had been found The was a m cellar under a stable - When brought into a warm men in grand mind, though it should no inclination · noticiel. servais days ago a number is sharows elling on the trees in Frattery Park with their heads under their winds, as if they were sleepy, " had been out late the night . Today I saw another; so it appears to the

a common attitude. I do not think they did it to theef , own us today was cloude & not cold and as I remember, the other oscaseer was sunit. Theistones bery. " went on a long walk today . Inch there were for it was no cold that retting still was ... en firtable. However, in the middle of the day I found the warm side of an old house, when the own stone tright or a few flux The off a great internately the hos withely offend by not pine board. I did not like to lear my aluxur shot, I would hereerrand to remain with the flies in the Sure; int the Christman sur is us Linder than that of other days of so I wandend away through the old lilar bushes & broken grafe arbour, to the unds weres the ward. about two or there o'clock in the afternoon I came out on familions road near new spring relle, & after that follows the registroup home, seeing a great runder of handles of finding a few occours me all my rabelle.

Coursey that the ins in some indiduct of Cishedo chausar is searled, while are others it is ordiste - brown, and was pesting from part observations that it is mon often searled in the males than in the other sex; I for me the land tier is met with. State Blanch bright sounded of started of the sta July 15 " 1886 Full from specimen 9 9 9 ? ing 1" . " C " ridish (sun She Cann, 3 durk gray Sel. " Acarlel

Moles on Binging Muse See nor 8 7 nor 17 - 1886. hor,17 = moure ringing incersantly even when eating of grawing on the exposed wood in 1.11 Morese only song a let be this enung & I could not get - " to sing . by policing with a stick to xeining in other nays. c. the Bringing this morning. 6th Mestrose mouse tail two con. but I was not perfect over until this even of when I looked - I heard It squeak sense times yesterday I iren they an us morry as tabies must bee 12 Looked again today at the young muce, They have grown great, and are when I listerbed the bed, ! hem that if were . . . the ty. at of the met with the weether and se fine much encited and for contain & give, The Into mice and for y telle bedien the no hetath count.

- to be get to a most of a constant come note of the next of the got the today. The lettle fellow that ce out a me went humbling about, by the of the same. It have quet of being would that it would ! hust I' put it buck in the west. ugai. However in about 15 muncles. was out again, timbling about in just the same rough manner, the moti all the a "ile therpung up a constant out of the nest. after a time de pretted up the lettle mouse by the side the next can set at - a cross the or Tout - in the nest ? d'il wi- see il again, but do . Tor er sis is, while ever it me, be, ca out later & raw arou the en well. · A de line. I bened to the real is to we come of the west hands he was Dec 1 - mother more whe at a hald of me of her young mes, comme in at the head purt as trasferough with

all it's compound in the same in til the wine eater was the must - backward we of the two. I fund the line fellow at the other end of the case. For rafely I remond in ther to reparate box, She any all the where land time she esca of in the bath vom Twas pursued. Hemanne jume a sam seal cracker Irum al rest it more things with the . I twee Day . Bally no not don. well away farmer its mother I ful it a dais. I observed et to the arranging the of aire! the door of d'a mal I have examined the wore of the sugning mouse & il a aro to me after close may clim that the singing noise is voduced in the hostato that in the throat. There is, I thus a like continue tat it is in the many

Na ura! History notes ve,

Thate, in a heater considering the thether of gold less the bound

The course of the fact mall beatly.

Aundan m, 5", ill the days that is might have you do the words theo year have been extrimely enter of toda, it is surving face Hours I sun Condinate and on the Will this morning bulling seeds of a Inc., unstirding it were were is no line. I'val block of duch with her versto Have might interested the in your and all a new accounting The start of the stucks it in the with the spring in sklarhed gaule light in the rain . has us run ther took in the. the lufers. It we do that there were two seals seen in the running. Saturday Jan 15" Serval morning ago 2 got up about fin selvet & going out as if it had been then all right was still but walk war The next might I went out about 9 o'clock & shoot the hinerprickle & two sparrows flew out, so I found that they occupies this cold place instead if hiding away in the sheltend woods of the house. Sometimes where go down to this wier. trong in the mornings,

Duello

little sharm setting on the roost by the side of a matrily her, and the contrast of rige + action ... Sunday jun 16: This was a pleasant merce is with the wind from the South -n. 1 - as n ... day as could be exhelig in. While one i would to south beach I walted near to the light house; then across fulds to the K. R. along the , mill to Clifini. hear I Firt (in the grands) a seew a great many rolins, the bird mes that have quited me in 1889. I'm ion very wa hill rule owned and young tries & been I a so in ofen wed in some, permelling the sem to beat down to milded rays, and here the bries love to come regular. I nun sum many bire's her in early reprincy in it was also near this sportmuit years ago, the it I bistimes's long Singing match her our too son sparrow. · saw but one song of wood lookay The chil Annu' ido of Sand rato & an equal num' In old in a had been court upon the brack some of latter being decked met gargly with seriebarians, which had grown face Le page after south

fine 10" (i. find ict, me then sighting remail wights ago he saw two senach own flying after each other from the to the Due or two warms wights late their out a suppose har templated

It work the honeyment on the constitute of the biaga & after chaking it is there bear out.

So they steep i this ootel place

mindy nights as not as calm millione. I have the form of the start of the same of the same

to the last of the med law stritchers. out on the sand - " " " " The other crubs found were Parenteus defonoscio (one), Phalyonicius occellatus (serval) pun one our little edible crab, the mallest that I have env new wind I drought home alive. I finget to me in Hipper tel ser la which wer munerous but all the midin waste wesite small, i did not see en a log of adec clor erate - though i loved a little. a some of their numerica in the find war this crete, a war. has built a lette lover , corned al. to a with the line, & in the he line -They so I did not each in him, but initial to some between line . Birtle the disherman lotale me that he was queer feller, I be come from come to last Fall to built his housen. is now their a bout also. Burte also told me that he often cate. nen turtter in the Spring & Fall, & that: .. has sometimes found lead Suls water timbers " bis to I told wine Mat. i and a little ne alm are me it with in ansier and some the a ?. Bushe is a great man me

no way to my dond of reading. He latter there papers including the haling Tribune, which he says is published in mashing tim Agras him all the houts as to what - coveres a in . . . 9 min en dollar a year for it; & . wouldn't be without " for fin", so says Bustle for it calmin a history all about the war , and that is good. Urea muserrea vono more potentifue. Itains And the ice buck from the beach 1/1/20 find a great min'er of small spillers, with a down black stripe & me in each 1. richen of the same odor. I brught them home There them now in a biller. Amon the orders, buch from the beach, British to a a great anneter of holly tree grow, then there The of the old cedars that. - meorard was 5\$10 in much Mr. the R. R. truck I conside some I limbella so eight or him laterpillars of Pyroharctia isabella, some of which were dead, but two line mes, I brought home.

Grand molling letts me that in byme Maro, the ermo ser used to fly over towards Sandy Hook where it was said they has a roost. This of conci was in miner in , I she says that for an hour a mis and down, they one is beseen flying in ling lines towards the hand mentioner, but she never sound them a term, in the morning, which probably a place before was Vilani- size of egg case of pagi grand . South beart and the 1887. This is the Cargest specimen d'harre er and ir wolcod lean

Sunday Jun 23th 1882. This was been a mat day for bine birdo, cedar birdo Cardinal tirdo, nufact- elle the birdo, Trimene Oppier, Jun. 29 J. A. M. A wave of exceptioned warmth for January rolling from the Messas, made distancy rolled from the Mesoscopato made year early of the Southwest over the Lower class of the Control of the Cont The Country, or a minimum. ense d'incline an the con your melle an the heir seiles. " saw serval blocks of leder birds & they alway & lumes all the head's in the summe direction when they let in an the Whether it happened no or not allo not know, but salar some their heads alunes muled learn the sure. It will much & mit or observation to make sure to this (reny likes the wind - was from the word) in one much was caplined & a saw a romagent and which I failed to get extited a summing direct on a chip of word , & I inofreeted to fire long times with the mean tying glass . Gues little breast clare in mottled - amour looking for all the writel was if more was growing in its ouch Isides There is a bitter-ownet mie news Below Take, that grow upon a cedar tre in

anday for 2: 2 1887. This has been a qual day for blue birds cedar hills ine brilo Cardinal lindo, nuface all the linds, us well as for me when must out to me them. I left may our coul at have it was so warme, I the country was running under in is dinetimeno the con town milled an the hill si'les. I sand reneral blecho of leder hirds & they talion & turned it their heads in the direction were they let in a Thether it is had so or not, a do not in last the traces their heads ilans mules ward the sem. It will men first o observation to make sur. a (very like; the wind was from the west) in the weath was captioned - I some a fort - with a failed to was remine wrelf on a chip or word I a motreeled it find long lines with the magning ming ylars, your little beast, clad in mottled amount, looking bir all the untel as if mos was mong on its week Isides There is a bitter- quet mine means below Lake, that grows upon a cedar tre

thirty feel high, and a very frietly biller went mie il io . At the base it is about an met I that is each state is, on then are less; in dimender, I they would almed the tree spreading out at do toto into a enem of bright counce benes. On a word read lead of billions Mills operinen will jus , and dead sheen en g 1. C. i. in and Par ortus comments Frigor in 21 mil oc. " cum or the section of the fine of the were sur un O : were an bootel weell while we in some inter of words when i' - cel the to me . It was go was come your on our sun to men ... if in Beaute 1 1 1-2 will a ser in it a a pres co the state of and the same in a contract there in o to and the total of the moderate comment, in the and the following the same is writing if our great leaveles. in a con rarie and a day that had in . . I - ... não whith whileword . .

Sunday Jan 30 the is a foggy day. 1887 " about I cleaned mouses eage this morning * they (mother relied) run around the bath worm while I was all it. The old one got in the register, which was shul- + reflex I had posted herout I she had me about the room in little, are commenced to verige, and is still in un. The young mouse is not quite full grown yest, and is very light in I write this afternoon to close rully, it intimud fogo. I part of the time a life min talk. The crystal mater Co. hur brush sens to urtesian wills in a part of the rally wing the course of a brook & now hum a good sen of water. In Mrs. La Bau's Arlesian wells place on the hill side were two enry flaining springs, which have dried up mer the water company commenced operations. These youngs our eight or much hundred feet Cardinal indo her been very blentiful this year man so than a court head of, or seen before. It may be ming to the many cold ments of Alexander which drive them to the court of and they have them to the court of

o found a clamp of tructure Excepodure chele is not commen in the Bland and That a near was. Frank, what little grow here has been pulled up for the west part, to decorated the house with at the interior him of the ash burnel for wills afterward. The moures west spollen of in her j' & privino dutio, was friend deserted totaly & in bad andition. Then has been more wood chopping give in in the vicinity in adart in falling in the at brief where the nextwas - it great deal of born has been pulled of of his cedaro air the neighbor housel - but I could find no new in the bushes thong indications at in bottom tres were plentiful. Bunday Johny 6" Today was much littlenot thow mutil afternoon. While welling along a sevol would near Ocean terrace, I sui a filet a oure men, o upon sentetung away some of the ice & leaves i mer under a large star. This I harned - our of and an under young iller, with a few amply acom shalls in let The mouse our out and good ander a vice is ince laging aser! of this I our lumid also, I found a

mest made of grass, in which the Annas 1 mouse had latter reduce I captured the lettle bea 1- (Arvicola riparius), and 1 Charles efter ex uning it will - its very short las hilly ears to let it go. I also fixed up the next as well as 9 could, so that when it relumed, it would look as near home-little as circumstances perm ted -Thursday the 10th ilmet frank wio has been in the look out gir a some sharms notes sais har whom s she ward a live surging, in the hedge dens the anat pretenting . Fast war , least is it some opened before menery was out. The part few days have made quite a march lowered Planing, today (what I am of it) being Contract to the contract of th The briging mouse, that I have made serval primous notes upon, still give forthe its dollful dity particularly when it has been grawing on the eage which it does los often to please me. I have ties unral piùs through the edge of the box but I think I will have to inpuir its house otherwise Mens will ag be at large again. The mother mouse does not heef dut of right nearly as much as mouse the young, Last wight I held a flaving him of pupor up to can glass for her inspection, and the dock not "which".

Pouplinemille Station Hand See Sandder M. Mr Sumb. H. Sendder; Jun 17: 1881 Hear Sin . had I collare marked po acquale but I than I have meno taking. the la". species I wind see the difference occaribee - we the brondal court - but did not draw of the motion outla being maire to . . It into sienes how our my bliches of hy is 19/ S. bullinder ? OK! Emore is at. robust to? Pecurs in the grains, , undo near the Sall unter (Cristo + arto Plo). also un emman in cine Blanch. Strick laction. sun be hear . Com now you so land is the sound moduced . I have it'so taken two hearings in it is mist g me. "mestern 710 3 I took serval of the moved in an rule were anny the e " 'ai's that grow in met places The sen a browned wise . 5 militation is non same, no - love their the - made by in yllus abbreviation and I was much surprised to hear such a same sing ever from so la our much. It look me angeline, the aftern · collected. These museds to calchere your speci

im bettimenthe Alution to mr Samuel H. Sendder; Dear Ser; Jour letter of Jan. 1) " neind & I was my much pleased to find that the Converphalers was a nuo species. It you can opare line from the butterflees will you not be good enough to describe it? . it would not take long. For wish to make a foretimenty list: By the Arthoplera of S. 9. as another step to wrotting up our notice faura. I send the openio of grasshopper that. Mr Bruner identified for me as Paraya floridamus, This! It is common to in swampy places. Jery Indy fr- P. Dans part first by one of water the sample of the The state of the s

Tou pollinsville Alatin 2. Jan . 27: 1887 Mr Summet H Bendder; Dear Ser; Jour letter of Jan. 17 th necind & I was my much pleased to find that the Converphalus was a nuo opicio. If you can spar line from the butterflew will you not be good enough to describe it ? it would not take long. For wish to make a fortiminary list: of the Arthophera of S. 9. as another step to worthing up our native fauna. I and the species of grasshopper that-Mr Bruner identified for me as Parouya floridamus, Thes! It is common to in ownerpy places. Try Truly for 9. Dans the for me of the late helical theme and the me have for the stand of the stand of

A number of brids about - yellow brids, Thirds Hughets prioro birdo, while hellied medihaliales Chie Kucher & several Kudo of sparono That hatele an un patient birds, I watched nee for and lately a long time confully searching a low for insecto, & tweety fine or thirty number rafterward it had my got to an adjoining the sie to protructed search for a living. one erow flew after another gerhineste indin tune carrying something in ito Como mouth of the day burning crow cound loudly as if to make its companion It some o'd a marry it didn't Sia, x by v. let in the long grass of a scompy place in the ment in when it was not followed by the steer crows i watched it mining above for a good - while but end not tell wha it wanding; perhaps it hid the damy monal i got cip ur tal cedar lo hook in a large squired mest made of Cedar burk but my hands because so any cold- that I could hardle, ching There we mit any thing in the next, neither

could I discour which direction the mouse, nest. I also looked in the mouses nest discourd last - Sunday under his four mil ! i - the mouse warm in. Tring Piers . There was a server tounder Aliting Storm about & c'clorest thesering Collen stins some of the flasher bene an rivid. s met by The of the fateenlasty risid- glass ex light old much damage setting of in to the cotten plines (am . local's) within a quarter of mile of the house and all night long the plans le' un me bed owns. Grat sparter all das at a long distance from the fine & longue of flower with First curve stritetied. far out from the sens themselves, blown by a string routh wind. The store had a flag-staff on it of was quite buy h itself, and it was perhaps in this way that - the lightning was attracted gradues the wit rope a good condictor. Then been some fine warm days Blue levels but I have not heard a song sparrow. Song spanne

Lunden I drawny 20: I did hear a Song 1887. spurm in towar things it was so durth Some specious & gloomy, suring part of the afternoone, ing . the It welled as east as it feel . This men dint spurm our of the reason, for the head Just bundays in been as cold & dark is to to was -" went to cliften of walked up the RR. truck to the "could tridge (Trigortoard Road) I then in our might the woods, butting over stones for bulles: I am wing myself quantly. The ems are now holding their regular toforing meetings, when they make so much more and " came upon a party of them . now low ranne. One of their number sitting on a tree regularly retlends there cano it at lime with only one exception. I suppose that that much that are no mere for they lich not fly away until he caund respielly when they look flight in a body vising out the alley where I had not been able to se their great rumber. So I have the windy of deal to which I 11.00 the black small somo, flille is attend their westings. findi care y-It while our that I found cut tour showed about 11 & annual rough, and we point a some which there are and

Though not strictly foroper, perhaps I might say the tree had two tenters. This probably owing to its having been forted save the cound when a softing, the two brunglas gruing logether about it. 15 year, so that looding no one would have query that were looking at the exter almi-, that line uns two in ord, I also bound a big chesimal trie. 17 fe 6 in Muslund 1740 annual which is the record has in riger than 6 mi ammol I throw of in S 9. It is hotlow. Crossing the R R tout Vile Richmond Road I would to look for "This long time" which The big tre I soud with its man bounda cut off, of Lying in the sound near the trust. It will brobable be entirely destroyed in a few weeks. I comed the night very carry ally Donielunes using my glass, so as to make no error. For the fine go years the growth was quite rapid, when and dealy it a lopped of the next 71 migs were preparated with life, Chimal and of The only cause for this, that I can think of is main bour .. prohaps that in their year one of the other. brunches received a large stuffly of the sup, I the transle of mined did not grow so oust-after that. I found some old comb in the bottom brunch in the ground of also a great-deal of squirels nesting waterial,

muls ye i sections are not more in +) found a second one devring the day. thurse and the street of discounty a mouses mest, & in . sassafras Ti a flying against that I could Ol. ... 20 ... only make stick of head out a a my mull hole. Finall it would not inn do that; though I bounded diligently at the trust of the tre with a larger " I was my glad to see therethe ogneral tack such good zer il. Sunday Telog 27 : his has been a very · misera in day for me. It moved the rouds or rough and one walks as a draw man. I have hed about sens a eight a were sul- im go on The new ble co simi, that are English sparrow flying rep. the road, came as and my rill ac ly " boot with envident a force. a was the porthere thing I saw in ne Burne and letter real months.

to the me time, but have the time is in the its interestion of the training the first and walls, that came and bounds the step wolf nor white in The stade of burneds during the volcanic emption of may 1888, In vol 1-40 of the burs (ross there is a un i on the Effect; a Carthquase on live - On The night of aug 31, 1886, when the fire in was fell by menters of our family, the music of hund do of haly air's, oriellelo, and other wreets many the pines, and ceared are did not began again until after the shorts - which can inves about hour - had ceased, " Perhaps in the first on a'm the volcance exception had nothing to do unt the appearance insecto " is offin can in ship-board. Sunday narch 6-, It word last-Might - It is raining mad, so then is us ye in our landy, interes dande je Moder en aluetteres telerato such (in the most) I found lustre Home rate this morning at branch, the to be but a few days old, having no him in their bodies, with eyes closed.

Industry March 9. The white mable is in them. While weafilethat . The early trees are for there is a ynal difference in this respect. Willow Willows appear to be my eleasant this to have above a new so grande and under and so sur to live. I thurs of a when the has planted some lettle bres of this "line done up to - live un long, and the second of a second of the in a second of the second of and the state of the state of the state of the ender in a continuous first well of the calf us come. I transfer with some this other eving who but in our house" because she. thing Il that wer others places were preferable le mue mon beautifull location. Men olde people malle them retre un up be themetting the same " .g, though the may be unable to some slight faultoin their tobilosophy discontent, bharghe, iso natural to many of us, perhaps no one being wholly free, is the course of many medle by butful hour ofle times, and neit is riches nor porerty saw help up and act us . Kned physician.

mile trace the first the same some be the militia the having 100 Thoo and is I black trieds come back to their from in the second in a soon to near the Finger-board. black broken The Short author is well up, and -Shoul cetage I heard the fire by la peckenique Hyla I isited the white oak & big chest ... annual i on it by 20-1887 4 made the - 1 Cap. Yet. 1 a following notes. The largest true reported from 3. 9. (chestint-, 18 fl. in circumferance) nearly had it's main branch or forther Tis measur 2.65 m, m di me. " come at the second of the the the first war to the second of the second mi the mountains in the second of the second a deter todain in note of purch. I large White out was the frager bush Monder recent the is also worthing of notice, It is 2 de. 3 in in d'ameli: 9 was eviduely firsted near the grand in its belong stage. There derks coalesing

about their 11 mr years respectively gree from theree award as one tre forming 11 saphings were bruce through out the log for a dislance of 22 fl-, where they parter coming a large i wich and the other Jonging mouse Meh 1: I let the mouse out in the bath room this evening, but it did not sine. It uppear to have got entirely over its Bu mel 2/18) disease the last time I heard it any family, being about two wells ago. The mother of lulie mon . cime! upon the brown hanging on the bath room door! and some me, I caught on my hadd for they are somewhat lame. The lette fellow is small or guile light me color, and also ap, as to be was. as he had some difficulty in getting on the brown when his mother hinted urille case. I must latte this occasion to say how way laine & pleasing my little. Hying sym & is. I ser it its be d tuber I go away . It will the will often witter a facul- cry, and when I come to this case again il acts so bleased Thank it's head once mon on its side to be retted.

In day March 20: I were to Proces Bay 1881 today & wither! along between the P. R as and the show to Giffords. The was one ren large florth of red First a god winged blackbroom, mostly males I think When the state but I could not se them all. (il. 4 some of the fence. that are near that sto the errors han dropped thousands of soft- that claim shells, and there are also many yrile a wary mane, as I Some more ago I reded i in flock of Cedar birds all headed the same way we in about tirds lighting they lit is a tree and today I saw one trico ve a large number of yello birds barabo light on it telegraph avins, and all the heads bouled in the same direction. . a ollow apple hie I discovered Scrach owl, being own of the nach rankly. It Kicked violently when I lifted it with, & made the same snapping noise that they do when flying past your head on brun en ennings, of indeed an writer comments, if you happen to be afield. If I laide it on its back or wich up against the ine, it would stay in the very same position that I present in, though it mobubly could use quit uge - her the

light " not string in the carry ; ... when the day was done . I found a dred skuth, with stripes of Shouth while along ito sides, and about 3/4 grown. Olipme ...t I also " air my first chipmen is on the reason running along a mil fence. I visited this sweet burying ground, alonging to the Port of newyork - when are the sailors dying of contageous deseases are internet. Then is a mina - foundation when a line stroit ling ago, & some wices han men out The stones, whies worn up on the cellar. The grounds are quite a med with a thick growth of much trees wilantities & , 20 leas me can hardly, go through, When the book an buried a boar' with a namber is placed a! his head of the grave but most of there . rela hare feeble don , & lig at out the formeds. I saw one place, in the willast of the old he so wen the gran dissero, I suppose, had placed them in servel small simes, the making a seal when this could cart dinner. There is a forivate burying ground in a hille wood, not for from the last mentioned but further up from the show where iten are serval quite to stines, " S copied the following vison.

the time to be of the strong the to the Mr Matthias Johnson, who departed this lifebeft if 16th 1/51 in 4. 67 year of her age. He K. T. J. J. T. C. I Cartwinght - Johnson, died Mehr if 16 1734 aged 2 years 7 months & 19 days". "In Memory, ang stees Dubois, the son of Market State of the State of th Sept. 14th 180, and 54 years & 5 months Our dildnut a : this loub appears the transfer of tell med and ah. go you have for us dont-wrefo Demealte this moulding sod we sleep the second of the second You't be endoubted as well as we. " " I will be a first to a long the . of augustus Dubois who departed this life Mile 31. 1815 aged 58 years 5 mentes. I man a some a last of the The year due hand I to the tends Trup at the me me aliter - dec. I were not dead but deeping her. I dette is mid my gran you nee Propur for leath and follow me. "

Me, in also stevers to Proce Prairie He , Parler, died 1815 aged 60 -10, ann, wife of wom Lakerman, died 1846 read ato year ... To Reteres um on , deed Oct - 12 1820, and To, I hu Dubors, died Oce-25-1821, aged To millace Bates Grent, die 12 hor 12" 1823, and -3 years, m. or 18 days -I neglected to note what month it weres when Re' car Paylee d'ist, lest it be observed. that all the There in their deed in the reforming in tall. had me a, sweet was mulo, how I wonder that people le - them in about their lies redes, . ese to steep or in the he the ralleys, wien the, we all rom! In the old La Forge place there anserval tries, & I always set me down on the stope or crack a number befor I can go on. de house, the old true, the big box ble to by the door, and their evane. in the cleaning - all in the fing and just. the place of all all of yours who cracked them there years age. I like to loos down the old will with its firm, and. stare at the steam to the star of

will their nest lest summer. Perhaps the and the state of t the timber . the 1 ... Today. It is certainly a noble gobble of perhaps he was a noble man, but - maken had mercial ment decree him so gagley as his gobbler. your folds of the of real, then & prink blended in marvelous was un to flashing dark eyes. The purdant from the last needing the breast equally gargeous & their this very fine feathers. Indeed the terrey is a fashionable int & . w to to walk on the ?. with those wio walk for sion. Monday March 21 I am two weth flying at the er ing, are in a leading room or me as i come out of the door. Owing to the situation I was we ble to explire them. but themit. at was Litho, have an mode - at least - the one in the not looked like that offices I date thele 15 - were the surgery many that were many with I have the med in The rome of the I thought it was enterely with it to down a few wife with was But how fur. It was our goods today bring alonely west of the morning in min .- Sun shine at I woudend about though this

for us Blood word vally them came bone alone the war. I have a growthist moth on a stare, evidently Moth the arisofole yx I lost . Mich is a sensal Most of 11. she was from sent so that i' and of the law over but and in at that I own timed . foundthe take. some gray specie. of Plethodon wythronotus · .. us . bends & with our glass . 10 ... the work ento closely . Her it has a second of the action of the action e the test and all enders the second ten tel prime tel mining not see that the en linebed in feet in . " som wither heart & lum crows receip y sen he power, lo those clear ibild d. In the and then a find a color to the to the edge of a made, " crow flew up out of field done by me I lit on a tree. I wasked up to limin but he chied not fly away, and so think he was a lame bird, a west sway to ask ... boy one by a bar of above him. At raid he had new seem bie em befor , In .

In walnut that it must be injured - or since. This isting notes from young fellin also told me that - " atat furners try seen a racoon some years ago, I he thought that there . . . left yet, us he alling Varieus norses he heard at night our in , I woods to coms, - had new tee of foxes or oformula being found on the Bland. - the think and the state of t The male mow took are singer now. I Sun birds saw one of the largest flocks that I can call to mi. The creded to more with In chew, cher, crew generally repealed there times the dicorred - 2 mills abode in a hole w , i , it will work on an intrane. Showing I church sup in a swel- gum true by a pool me a threst ersent woods, I then ale after which I had a sort of rup. It med be no difficult matter, with a rubber eval and a piece of rope to bass a night very emfortable in a tree us servat trues I have spent a rolly restiful hour in some mide spredering in what so ferred as to

887 Friday april 12 . It has been quite cold lately for this season of the year, indeed the past winter Surio has not been - mild, though probably not what unded be called a very come - This morning the ground is cours's with sensalmelies anow, and it is being steadily added to . 7. am. Phoreau speals of the ice bratting up in Walden pond & the lable that he gins shows that it was always later on the springs of the years unding with un uncarme munter sucie us 1887 7 . Her honor &, du a not: make the observation era it in station . Sunda, april 3rd la suemen auest of the day bat day, so that the ground was Suon around this morning, but it disappeared under the name sunshine that made boday so pleasure. I walted out mearly to the four house farm, rundling all day te see specimes of r. antio on & the the second to the the that, he I was walle to capture to with not a milate at accomme There we beda was been any think on a rotten franche lynn, in in mall

Good of Vary Offil 8? I have sent is the of to 1. How I feed head, all to a at for emply of bayes, y had I all a mil this or me I spent most of the day aging in a head of dead branches y leaves in a glade to the full force of the run me, our a die' not hung voice all a much of spicero wer nurry about, On the teatiting when they came to dead lead me . Sprider. the proper position, they stop their pulpi rapidly aga it it produce of quite a noise timby. I could not see that they attracted on another "ough I ous, al they were all males that produces the nove, in with case they would naturally the at a distance. There of neother - Tinidae The most valuable west new ylaten was Briphos infuns. Hundres of their were flying about, but they were hard to approach for the most part when rettled on the wood path, & when disherbed they flew over the thick quarters of ear bier, fine to to often lie - in the branches of homes.

I the man in the second that whend by the at blue in the and petter 1: a I har grew warner they flew higher It I saw no more to mans walk gover the day to be us opening . I she is wings ofter the manner of 1. alatanta My net was only sex inches in liame ter as " expected to me but hit is blue butlefter 450 I had hard work to coplin the to me openium of this wised - that - ? how it have, I shoot at of a much rection of the patte when the woods gan place to bushes an either ride, + when Brephoo flew milo - the path o run after it - inaying to latte it in I catiline die alder, growing along Old Place enely an now giving or the pollen, & some of the velow In a pool, I of I a number of word frogs of to the production, but the wife the war has the place to place in E who continued and the service of

. 1

Saturday april q. It gras wany worth were the ing about a few maple lines low let that had had some of their branches cut off, from which the sap was flowing. I a queite a clus vance. from home I would bear taptind a specimen or two for ide tification. fried that bei the flying ig wind is Algarez regerent find of lied in beef, I pave ber hire Loday, which was greedily deroured Sunday april 10 .! " Riet would talley Station loctur with Co. Lung. Can met tir! Cardinal bir to & Field been might were bringing Tistal brooks of the mind themist I in thrushed un , unce ous, the straight of Ciendela reodesta thy ig a some me ul. Ciem del ao we captured I true quebarica + " generosa, a of coine of cach species, Ling the is that Ciemielas & other bestes, offen crowd un volden showps se to die, Today I fon d Orthosoma trum um ducked uwar in a while ball Cychriso strup . the brette bring dead . Cyclinus heretet is it to be latter in the send, districts win Kalmia your so plentiful as to give quele a green character to the country. V. ...tola V. autopa was the only bethofly sur. Dubu rirues is in flower, since of the plants was

April 10 - Likophen on male, the hat it main L'applane That is a selected of I un in the two care a cloud horse, The second as a comment of the contract L'action d'action de la contraction de la contra dog befor is raw men, & " I noticed that had observed me I sovel herbeckle still. I have randy seen dag ar music for hiere to be farely mone at I his halling was beary talond Finally be joto his with logother as well as his legs & seam hered off july Sunda, Cepide 17. 19 went to com ale Election to look . " owl. I spoke of on Mele 20". Tole was in the line all sufer, and also a headlers sparrow, which had formed part of the last feast. try sleepy indeed was the out so that I laid her up out of the way, while I would for eggs, but then were none. Come time on the train I wet Artur Hotlet how I had lotel all at st the ord noten to find the tre, & he it ar Thering I found two go; Meadow farter are plentine.

I'd shouldent but a the their warning build near Ell mele were fly In a somewhat wet fild I forme quili a mento of the meadow movere the occupant of on : unin, out as I luned They were for the most had built en in a of cut grass stems ve Lying here then out the field- or han non before-The day was cold so I did not see many in flying but on a willow I direct Thy a delte pool on the borders of I'm sall meadow below Giffords, I stood for a long time walching two west They won get out of the wir on the builto shake themselves as eagle do, they would fall to cating the grass. One straped quite away from the main ports long a windows ditale, and it he come buck for ine each ever, unlead of here that out , he to end Will my for I ende are the she water every wormed Then they were efruit, rules they thurch! no danger was near. Smelines

d' would sent . my good roume the till us - they - - y land, I refer that of the day have do light with of the same that a a they were the time to the I was a ser will be the meadows, also found a clead stee. and an arrow hear the much as there things tell, I how poor the chalis short live I have put them I ri mirate unjug ground near the old Lake homestead, when then an most of theme - the nemon , Lake of the way menony of a a and ware to a merrenau 9 in varia related distantly to the old lake family. one us spoons lo this day, with the letters niseribed - the burdle. I han also a le - hom with B. L. March 20-180% His and side of two versels on the

Amow head

Lake in

I my grand mothers sister, Mirs on In this course it my ramelte I came to a little pool, in a field, on a hill top, It was surrounded by puttin bull bushes & alders, a large tre had been felled & lay; in the water. Mid there bushes Allie brother the top was a song opanno, not but wa's there are wany song sparmes by many pools, but this me nemed so lovely trad. I pat down near him your a came out of thicket I sal on a bush wear me, surging family, cold perhaps for is feathers were nuffled up about hear. I call long of a clarend wat long, & in his faul song he lold. I many things. I trybe - he was singing for me perhaps, for it was so fame - It at none other could bear. He ne seed rud type contented I thought theel if I should made by there pools otherugh the woods always, thatnature would give me that came mild Coor sparrow & har , w our houbles are we still i are a meretra sympathy.

Monday Upril 18" Today by ground is conved. with a light fall of more and it gets me the nurring we very large flates as it has mulled some, it has of - the true transfer of the with with to yet explanation the house has been been to all and y to the two in the same april 19. The ground is council with ice this merning & the young strubart leans our hardly be new under their our coal of frozen . 2 12020 -Sunda (spil 24" I weed to write hoguetoday to the in this arm stand on some Of me, favor le brus bups. Ceine under Lyourne prender giolero, V. alabanta. 4 de up boundle less, himdelas un plutiful au the sandy rouds; I saw repunde & hi go The other With my glass I can we the their morneuls, per !! - our of's, other is seet in. Who a work fle o wito Blak Place extell by a price of meadow land, I waltered in tonapping turthe masting his way iens the see to de

He was me Allie largests I he end in , I detect his towning & we galt, with men's witerse: Then was also p. 11. and of son in it is about near Serpentine, bu! they did not sum to be afraid of win. Fish and " mus' there or four pines mean together with a ome est in each und - a bur of Fish avois war fly in a much excited. I climbed up onof the lives nearly to bie vest, but thenthing it would do me no good. to disturb the for tirds, I came down , suin. They are still fly og about the tre, I I save back in the state of a state of the though a Fifth and or a finge in this locality, bung about its nortem livi :. it is a second of the second o Show I seem ween , the blood seps in a he not abheering much offring themat so which as diolance way, other they Alew away brinally they wade the Stat When speaks of I avoid watering

by the fine thisting they might I had noticed flying our a swamps, a house the shot we " then they One aunce blining in great rache along the tomiero of the rall- mera though Keeping some that in the low but I could not see what became of the other don , nor whether the been caption el, not " I was lyging it fall length on my buch an it warms of sun stem Habito of looking ut it the fritty things about Chicadume, when I heard a chico dea which butte som came near to when I was I remaind for feelly quiel, & The chicades 10 & its it is in to what strong onalin I might be , Truent lo un stigat Il ancue c'ose, with a three our of licae " ? it le a come of our i i celle i me of elo notes. The it few one my bead & horene wear on but , & I thought - it was going to light with but at lasti flew away & I see The more. I Thonau tells of a chicadae that lit in some fajoto that he was carrying when he lind at wal len!

Let day life to the fice of good fortime I was enabled to go. on a tramp lodar, Ytook Sister Bussie along. . It was very oold & reindy for so late in the year, so I saw but few trullers her about, then being non- I the letter I'm one to plentafine ha 1- i d. So far but few yoursh pipers been appeared, lavida all that I have seen being C. wridifing there he Telest must be one i. I heard the first count of the on . Beason & also saw the just grew Heron Served sieier of violets are in bloom, also anew may, Claytoma, Benzon, Erythronum tt 4- Swifing Vy in censu. In lotte tre we sound a pair of flying squirado, and I also looked for the own that times in the apple tree near amas ale, but it was - as Garler mulles a few garder smakes were abroad butwere not at all liney, tung to cora. However the walnuts meder my favorite has were just to good us ene and as usual I brought some home, for squirel voryself to eat on odd nees The Practing debaters is about out of flower now I only fourthing me flower is about of patelo that I exaline

Sunday May 12 " " " and from the mate; the mid from the mate; through the Con rulley & ricinity , & found quite a muche a menoting objects n Luca I was qualty surprised to find ? Lung i soing fast of an old fines, no I had splored it to be somewhat early for C. by ittata Hum yel. Visudela Contlata. 1040 abroad, salso an bia'er, muchos of wriete un partiel upon lie topo of rocks. I cuplimed a few brelies and in one licality morel tieno wood teeks were that in the ground, I were having never so many loyether before. Cheuniso Cremeto um also plentifu. loda & Iran The mante manifeld is in placer, were of the year. Standing clump of brieve, saw the new Plenesters Marsh Jud Leans more slightly about the base of me of the states. a watched can ally to by thy saw & - sirale stick his head out from under a leaf - Going closer, after getting tend of writing for it to more, I discound that the un three makes under the leans, two do + a f . The one of the juster suales I have one seen int the men guile little fellows. I disturbed them slightly they crown off, but council the g. I sat down near her waiten

o see is him is would come to in now Portly soon are cause or his hell one. about a let is evidently occarring for his multi came ni a fort of men to last found be lest me, wrifting his body with many a lime about was the some as lie of approaches the q ribuled her tack, upidle, though not enough to was any morse among the dead . Than Logano, ling a crim was will her nest son the mecers, that I doubt if she enr mines he a small find I found a preces of How Linear Line nea & lusted a pear of its ment. It und ven und Vomarted my longue shar le his since time Perhaps electricite was developed with the way of the pin howard will be long down me a hier batche & watch. the mucho Herdo, west walking about. For me there are much mor beautiful than the little your herens in fint of the village houses, yet now candulis there lawns in tended, showing the admiration of their never. It is unforting in some respecto for a civilized man to hem there wind turded notions, It curnot lead to that happiness &

Lustes

contentment that make a citizen interested in the community of thinger is good one though he may be law abiding, loving the good in nature and the quiet that broads in meadow mollo. 0 I our un Ephenica , tall in the sweenes us it was flyne over and upler struggling awhere it dieds - its short life as an mago was made shorter still, It is to longth days that the unt. The over Do i the and non or " . . s opens in matting the mest or comby done not court so qualty in their laistony. It is as with a moun or territe, that's opened on will have busting in the own, for though justes . centerarious, Then not ... a city, yet they love the sure share and are good filosophers. There were of the mee of the mee. 6 . Calo Mere 4' Cather, the wood thrush, swallows, Formation of the formation of the second red that s with the give a sail of Latters of it rest. The oriole that builds in the tion me her has arrived . I win

Sunday May 8". It yours for and sent to a man on the Brode Ix. The not knowing what to do with it, and it me to me It brotally is a month old vis my observing. stofking to looking at things over it's head as well as pulping in all works y exerces. il burko a lutte, valso hao plaintire where he morning about the morn it manipulation to hind- legs now delly ming to their length. boots somewhat as fel ware many side wire. While I was writing the above line it was stander with for paus on my feel looking up mls my face - ils nore lips of euro 4 feet n black, with a few while have and die ensing it's laid. Rain, Rain, Rame, but ever in the rain I. go in a runble some times, I find it pleasant mude, such eiseun sein o It is good to see the ruddly faced by who downs the way them, well be mens - feet. to hear to first - golden-crowned thrush, with its turkey, turkey turkey, John your neverl in an old being intended to word three 1 Birds rather like a quitte rain it would seem judging from their sings on and

About bulding bruteling their nest through it as I watheled the female bring it with Enda grade time she left the west for a news supply, she is all. he me mulle ! susse upon a male land tirette (nel eyes), un a hola, Con laure ainet 5 in deep. Hear this one about a ward awa, I saw another opening in the ground, & putting a stack unto it - discound another livie Romale with gray eyes do it seema that the sexes bound in company at react at the ocares year. · it. Thatietrum anemonoides one of the dog woods & a Vaccinium an ... flower. I capting Livo Geome Trido. Sunday, May 15. With a companion to Ellingville, walking in the words on to New Dorgs. It was a pleasant spring day, and wany new plants were in blom linds amend and ursels alroad. The puit agelier is just coming milo floor, as is the comes bell -* love vo Trientalis americana is in full blong Pricutali: 337

that is not common on the Bland. Large part Ofear line by a nemed foundation of an lntareunt house, measured - fe 8 in in circumference, and was very tall. Ive. Wonder great ilso found a patch of under grant, come of the plants still hanny the beines on them. In one patch of fuzzialial. dandeliens we found a number of foreivered. donnelino flower day : borne by remod different plants. It swoting in in it is all mest on Tolar a come buy that had walle across a muite breek. The nest un about bead to be from the would, I un unested and I 40 me bust again, within a few fl Of the rest before the trick flew off. a field builting had what levil two eggs, ound a con bird had placed me more in her nest Many como nesto war observed in this section, Illian is also a pair of red-shouldered howtho fall into good hands when we come dry, the only spirited are nest this day out of all we found. This was Phoebe a blocke birds TI mus the robber as ?

and we discound - an ordid (Pogania)

Pozonia

this species. When I kneed this me loday, It bril has built for served yours and as the lier buds by the door un of the old brother steed so share 'me ne ex cet lo find Tshocke ther nest onr the undaw where it was a par ago. I high hotelet had connel. the me with chiso for a moderno of 10 Alon one side of a dead he when it had duy out it west, I when we pounded on the lie the old lived called i's plainten ory from a shortdis unce a so we went war . merohoppero A. phomicoplanes 's some of the succes of Telex were about it it to apaita noctiona que large geometrid. las , and a Bry Celithemis of a seem. " in to amention alor than then was · little warbler flying about that to be the Black orgellow Man Cox Waster," and to be common in it in do . Saturday Way 212. he half holiday necoming has some apportion of I got many from her you are the 215 tout the afternoon

I wouldend about the words metil 5.15 when I was fired to come home to complete. Ofter the bouleted agalian won . in I low tall so green and forty, me find set fin to the Hartor modes mod & I most of it was the in mino, woods on fine, + volling lost's unse y moun of nothing so much as the brond words - For flower, por chemits who hun started their little homes under some things that time destroyed? These pleasant mostle chans when the inches day, and on whi I wish in early spring when the sum of a warm, an bromed, & nothing but black dalks of the better true + history with a few larger you trees Wal hoge I saw some lette wood frogs about an med in length, that were probably a year old. a species of Plangana was liding away under once love tout and Hyppa explusides under a fine rail. Platemin trimaculata is about y I head Platticues Polygonalum and Woularia are in flour and I found some opile while examples of one of the common violets. It was not the bird's foot violeties

Sunday May 22, I met Martin L. Livell ... the R. R. Curo this morning, so we want for the days much loss ther. I cell is will sumed in bretter Alle medicals of talling the rarious species. Mear the Poir inero we look off our stors valoritings, & unded in after the brettes of capternal a few, Me ulso found a forces of major your commen wife for to most of the meden buchs carrying these eggs in politic ... their bucks Belostoma. was also brought to the sustance. Obne: this pared ? Man . Alice noted Tomen & L. Semidasciala, Bome of him "Mallet- "readed" drug in flies an about 'I now there little from our ment over the little turning in alones block, loured garretsons, to binach, carre la lle und of our rande al Clifton. It also dipped the water met in ... other funds on the way, " outtined some specimens but al is atting our wheel late for water beetles und, other fonds an quile fuel, meding their caption difficult. Clary be my S ind and q there of water sunker log their It never to be gunrally Tropadenolus De pedent line case to find serval os associated

with one of It bridge ocoson I well I had love late over the Monto un met with, our the white To rigerous, alchaea cheestweeds, huestecheries Pl. la I were y others that are now in Horn. The trees an of the deepest your. I some of the title rulley & looked my beautiful, Lincel & I both being highely pleased with the will the hills in their , un ner dres May 26. The mild governme is in full flower now, & when passing a these growth maculature of small teo yesterday afternoon, I was atmet by the way in which the thouse of put the ple your he de heard the field. They west medo grow in a thresh dark wood yet each was true to the life dear books, I saw quite a floot of cedar books in the garden a few minutes ago; I heard their flusa t note me y to the window then they set, sid by side on a person hours. The surge of more in while to refue I del her met too clean the cage a day or so ago, I she raw about the Howard, the moment of lined to catch her, she friped long telear.

May 27 the bug farmer on new hopping in the mornings along the paths in the garden looking for mucho to feed their young which follow closely after their mothers. The labour of serveture do then used recurs to Jul quinel to the lot of the bemale birdo I a notice then new decime their yourse for how in loudle live man cres they do not go near them were they can o know of a heard on a luck house when the of homo han to remall, emal us between the beam of the brills to get its their nest. ash. they get then you our han their man alvet between the root of the cule. when in ca Then is also a house ... New Middle where the sparrows have bull-their ... lo our the anders, each next occupying the 12 W. comes of the hille gable when in caring. They wast get some admilage her by such as the morning com & bar, no laxes for their shelle This after now are my way home I Sur quite a flock of ridigo birds & the state of the s but down to listen to them ming. interest one side of the mad o sent on the other or every bille

while one would by acros its the Inel reflecting some of the rough from the setting sen -There was also in started lanage, in a beech love who there menity, for It in I may call at - who the na as it is so like the toling with a note of the me unged black bird o welde! . mel there are it boy's discussing Small boys the marito of their mothers steres, the 73 lono. paid their sons no 8 of he was the Much rate Through the most throng selled fortion Illuionelle village then mus Mr. George VanPelt of Stapleton had an odd and unpleasant experience on Monday night. While passing the wall that enwent brook or "sever" the closes the grounds of Mr. Joseph Rubsam at the corner of Boyd and Wright streets, a musk rat jumped upon him and fastened merst the bay having be its teeth in his shoulder. It presently tried to get a hold upon his thumb but was nndestrolar a mall successful. When Mr. VanPelt took off his coat the animal still clung to it for a moment and then jumped off. Mr. Van a strend a must rat in this Pelt, however, succeeded in killing it. Its village sever I I was informed that they were not ut all uncommed there. The forther made that two gell down his area way, as they were exploring the vellage street at night. or thought they were attricted by the by which stone brightly through the unidos or

while are would fly across it - there the reflecting some of the very from the setting sem. There was also a scarlet-langer in a beech love whistling merrily, fix 111 g man call at whitten as it is so tille the tolins rung, with a note of the red unique black brido "sel I wel the and boy's discussing Small boys the naireto of their mothers stores, One Talono. paid their slive was no & of the langue non provides. Mush rata horigh the most: throng settled fortion of Tout thisnelle village then was 'x an ancient brook or "sewer" the part nearest the bay having been walled in . Justinta. a small des captured a must rat in this st painful j box, pee vollage sever I I was informed that the more not at all uncomment. there. The course that two gell down his and way, as they were exploring the village street at night. For therealt they were attricted by the by which deno brightly through the unders or

freeday May 29. her was me to the day a where a butte bee does not there whater. to stay in its nest or go almost for honey, but bein much better in indeel in the way of mulntlas them builte bu no use for a reished it served times "I in the closet at home. fine thing I will will cro an and Stab new old Place crell gubler Knowling at the love a hide holder flew The boldet out. I was not to cut alone - making a close acquaintaines will- ince, 110) und to the next 2 its, and of which mene to of Playran Canalia's were testeting Some of these miseclo had died bring unable to get cutinty out of the true, the me care two tried to get on ing the same lule & lot has membed, This true true was a rotten old dru containing some good bests, as well as Mhyseas, and was portlile wrapped - about I ll. new or shoone but an little tile, a lid not as many butterflier the state of Firely captured in grass hopper. Diplay Connece we alt in & a few other day, Min had to be the chance of the state of the

Then was no lack of mesquitoes, & when i uli the first half of my lunch, o got was. Hen I listided to the jays cal birdo, wood thrus es meny other, non him they send sens so justicely, when the ground being them was on black From a not to five. Most of the lette theo un dead, the pine an which I sut bolled sie g + it - it - was not thatcountry is so low I flat, in this porter of the i. and, it is used be as bun and barrer as some - of the ties are now, he all my transp I lapt in the woods otherwing the salt meadons through which mus the exett. I started at de are unit to a sort of viles distant of boreth a am foll in all Island . the the windings. I also made one letter bond while I find dry, & ale my buch under some persimum trees, when thead a showant new of the Kills & band tone I put my hands anto served mestion belonging to vale marsh unno, but they had ind no eg as at It was armoning to been

Il much , with their lails peal over their land gree bring above a les le . Trome Steeling and ... the place when I for ticularly "Teed 11. in there were for right." (1) the state of t and the second s of de the state of unes to the to the to the 1. I was with the a I makelo und to the the team to Il de con colon de 11 , the election of 7 mile he "." de view yell Maria de la companya della companya della companya della companya de la companya della companya the state of the act of the all its the second of the and a second of drawn to and great cause in the foregrin

into luprice & brusto on it and also and the the upright che tio, the one the grows in Took thell grained, 11is not found as yet in 11.9. 7 11 grows in It mountains in the south I thin me place in try wa , so lar as is get the nin Brookly 4. So my fina- was good at the place about a 2 of final, than I have in seen logether began, and it was menden meded ubi pt. in a cruse, ubinet of above the meadow and was cound wit in theese growth of low buckleling The must ruto, one of while I saw in the exect close at hand, have turned Ities bound be, he up from the meadow, sin the host lord + open fasterer, during hund selden disturbed - un étris I'm place, while I will not a in I lest, were time, I find a not ketch of Humana, With its walth of well flower it down in deserve the name of forming or I stocked in to get in drove of

f. i ...

when I get out are the reach again & 1887 noticing some maquito net tacked in the hump, I would the former if there (furmed, a low jestifer flee, neddled 1. the write "Will be a line can use me using I have the the I would be " . y us ", but to me to be it is a second la -lond. l. le ' ed! out & after l. they are he nous buck ; . , + Le el de lle lit (time of the second Print ! ! ! ! said he etter change erler ! Ifak ! "Iter are It. . " All the server be the little of and a second of the a small the med to my the said to to the state of the contract o mill make the see a one. ale in the state of the state o Mend of a 1 to energy 11. 8 The second of the grant of th Le this fact the second

112 i it de a mile or so, and - them ! 10 ... Station, when I hook this cars near the Four Comers I smed . Not us west me plane view, me a low trest by the road side. I rue truld anywhere; on a sence weil or in a shed own. 1. lood- vot ralley I observed some intensting wants, Falso mulled the slipping the 1. Jun of 18 tres. Out of one, I saw some sap running or at least the bard was slightly were with il y I suppese : il was that that gan the odor to the air. It this rulley I found a female land burtle, eyes reldiste brown. The sum drops that. , how I garde, have been in blown only few days. I dog the first one up in the grass fin or six years ago. Those in the fields are also now in blown, so I timil the that me wild an much later in blossering than the cultivated ones. When ever i hime's a field be stings nest ? expect to cow-pen black hards agg in it and the rest i for a leday came est to me expectation. However, I have it con birds one met thefe the lastings will be able to my where I can be within

I captioned some most of quele a let of grass happers, & C. milifarciala I redice them - C. i richilarciala seems to be perfectly ritual except when thing, other it is only the motes that mails the more so commen in microles. I well on of the busine bone, row had a the one to it here we come back in (here I als to the state of th . It had not be and that bridge Chors mille , as , & , al a a lack wall to the second se total the second of the second The error en the mend him aggs for Wat her a great week he raw to who there were reinelle would there they had it 5 out of the a cash belonging to the poor Clapter rail on the lovels have when we loveled Com built in fillie int, he beckame that a com: once lil - for he for is the eggs your the bind they thought it was furny for a cons to build in boll. They way he used to "cutate on bird for few" was to get a lot of string + put it in a evil alm! her nest when the went in

it pull the string or entangle the poor ever do. Hours, he said he didn't do it any neon. Last united they saw some large tracks , in his at expaid were si her made by a cons or are oposoum, he had for les liet He also tells my interestin stines about "andot dogs" Which say now ofther walls their appearance. They shot one that had been roaming about fire South track the I are thought that there um no non on the Island, at least I went This morning he and a dog had captioned a This hills in eyal by is a underfully good overer & an intensting talker. I hould out to live a faint path in the works & right away the said, "server one has been draying something there", & lootling a little further an I saw are few stiells lying in a pile. I aske - him how he knew, and he said an a path "the a wight to all lie flat and from the formered each other before parting to go on a town together soul & he remed to be glad of the prospect. " he as det building I found on files

7 'd dogs

hinds nest, built on a little piece of wood taxal in to one of the raplers. The young were so to a that they would hardly all site in the . . . i and large hawk in the theel's woods, fly up of a near a cedar, & ring lo look I found the the true ser tained an oldenus hest the in a squimed - had brooked one. Out if this west much of the order built had been fulled I think by the how to some of which kong our the ground the not about the next itself in the tre. I claim col up, but Bumbeo, bea it me contained a builte be In ded want Saturday " rows " " The half hidday monmun if Eguine". is of use to me for mucines i may get the other half too no I did today · rocal to the Dorfo, & so through the words to when my knews the Dupung boy ino & munted him to Imma ermo an als to no by to he in the nesto, videed I there sere han ... · loun. Hours lodey I send ino nesto will will grown young tirds, in one of while they were setting upon the On the flours of the maple - f internum . 55

I found a anuber of singicon better a small greyx brown species. The chem - chem chew, of the most of til- was one. The most common Carlod hit berd notes of the thron woods, together with the luxuey, luxuey - insuy, of Golden conside through the golden - commed teterreste. Urung the butter the that I have made a note of in the proper place, was P. Turners, the fine I han men this season. As they been about the yellow thister, that we have just come. into blown I had a good chance to obry theory, all I saw being males. I wo I cuptured with my fines or then les them go again, and they need a glord. Comsite the Suprey bys house, in the circumsteres all being dead can Cheshant. p to censul- branever abon. This hie looks qui't odd, w'en newed from the note when there is no bank, with its tuft i gnew leaves and and Ine s my young friend VI wet down in the head to the new springstille could I tring off my shows & Slinging their our my buck; he will a pair of boots

that let the valer in at the hofos and out at the loss, so they was week drawed He raid he left his shorthered as less 20 the, endet wor I with he the state of the s and the second of the second o Bluck . and to de cock. It Atuck lands hat I al the end of the i e lle eggs h a man a ma read & the e lejo le l'une. ed the levye. there is a second of the secon Minis a relation the , " " of wonds re on his fulling the state of the s and the second of the second o c a (1... the water than the same and is sold . " " it I dead . Us rues. wine " do methor or perdal. el ad ... lee . Ilan I'll . x d he found in terre soldier under tue

biggest one I thin - ? ! . . res - Lought of Campure 1 in 1/10. When 2 in + 1/10. as no found no much here, we leftthe meadons but not until we has fearlied in the Sweet flaggealing It is Joursel flag brad , which the hung sand wire my good. during volved how He had bried their offen muder med anciciono. De next I wille for it near the real who I by ' love you , to me of the was hor to the his ben to be & grow I there burn brellong loves in the de the son tries interom sed we french i for not a least misight han been briell - I de . he one old net, come in fifteen fli for the grand wine bellied would had latter which is a ret . In sollate how out; til uns frully to see him sitting as a limb of a true mid the gre leans. Anen when too got are the ground the quietly got will the hou that he know so will , a little way from this pend there Criso ne ! un is a pear tre (in a field). Containing a crows nest, the Structure being only a few fl- from the ground,

in an well of when the tree had him blanted clase logither we found that in an orchard ! It mesto in not un mi me. Uflir had hected un in is , book of which then Cart der le were sixte fin holes me de by the cuopuier bie ! at with may friend I can ce me the till a lowered hieun me o'e (le le le you la' of 11. Pollrech. were a loi to the history. The ed Il with the sale with a let ge de alse to used al aux a building " de or ad a sol bulinging Crester tytaletum lo e nati ustade it cet be. Inclien niple exe Stie . back of Richmond the ligerub, I trught nother home. malar time 5. Clemate lust senday. The said is the intensting on account of the planets d'ai- grow to n, then being a mat one of Las in rergine a pea

Querous obtasolola, & travely of the Chesture - out - know as initio latter was only about " If high but had acon, On the home we tion . " sitting on a stack of ball hay, and 1 in ter born after arteur had latter his I set out of the box 450 ted down to an eary position, I head him exelu. & loothing about: I saw quite a large black make making off ains the open + rulo the huestlebory tre ... begard, arthur had been witting on the " walle, we ile apler a time decided! logt are from under the small and !- of har the represented their Codies, so make off for a place If no no mean contral sell on hime . Then a we dow the Character we (cos lerreen some a sylvanicum, far ece way senier erfo among the Hudsonia in the but of when I thrust it had come Growed mel -- la ils eags. Malso dans serve Claus ground muto (aprico) while Interid lo post. dolor and levels as me tod off to he lette Che vela at Watchogue Frans men deres them I have en seen in in day before. One of these birds 100

mas in a barren field true should growletid it for a ling to. It did not I'm whether to sime attle or fly anny, 421 was no - white we approached, some what we are that l'desident le let un tres. musee of its un Magnot a_ The few ines of magnotia Stal grow in a swamp wer. Watelogue An ... badly trover by the longs the con agravel in they wall som be no mo - hear this Quanto a for . umber 91 2 il infolic lill'e oaks their we thank was be 2. ilicaquelia . Specie. It up ded as yel from 5. 9. he did not some many brods in Chemin 1of very few insects, par the day was cioude. I de livbed - a mos Chaunice will lln eggs, truder a dead enw formed some bringing butter. I wapling medan Ime ?". My lette bet went away Poaphila. to: " - we who bright live Amer Mice Ha . " Berides the notes I mede on his hable in the May Proceedings of the M. S.a. I han notice

as he grow older many other sectionshing In .. He got very relief it weent days varily lasting, vielrealing to the value. puter upon the least sign of a listery ni the mightorherd. Except wien enting, he was very playful -, but win a line was a her because a gray li e most iminuals under the same circu stance to playing he had a pleas grant, troould me about me in circles with his ways him a flat on to ad, I all the while making a had effort to call toin. One day, orran na deun the walk, he came up cline to a comoling cal, before he discount her til un om cal to see the look of frant & sudden retreat which followed I other him and aftern in walk sup to a red geran um, * smell of " - seronel time & look at . canfully eviluity a col in; in so frothy a flower. But today when any went away, he had joes the cinemand Im what a few weetls ago was a poor helplers lette beast- Bright brown eyes light, them wood human ares is an planful why mude him a blee soul companion inspile as the such that I was always afraid of this remaining and not from the but

that wall ful last of judianing one what Friday June 10 d. The wild germines in the Mild ; cranium gurden, han gone out of blom, & this rolling James 10 trus han fled from their mest in the pear to Thy many signs we we have quickly seems is going. It no mon than appears at the down than by the ripening a unice it here. of the departing season. I saw hoden one of the lette robins hopping about the in father who was catching vorus for it 'in the grass, & when clinisting up to lie me 1- I hound that the their head also be. your the next was in the next love to the we verent this wine pras nearly so well blaced as the foreseed struck while is requirely held by a number of grafts grown some the line top. Porhapo last your the birds bein garager, did not this is much is they now don I thingire whose the right for their home on an und limb- from which the next fell shorty offer they had your. 1. me la Yanera autispa calin lars are now iming c'ale belluro " rep to change to depatits I brought there have in my hat this afternoon & on the war less commenced to spin the web whenin to frit their showsalis iceal as

Saturday June! ! Getting away early their efternion I walked up Third an into- the their growth in the Hurbor woods. It was a beautiful afternoon, with grad numero of miseclo-flying. I seen archive heros, I grand a not-eyed vinos nest Merchan here Continue ogg. I noteted the bril for a Tide & vives . Ing the before the concluded to leave he rest, & the she was my quiet about it. How apt we when cality be too flees to reglect ll fact that we are Killing quite michligen .mimals. On elaphant, a love 9 a mon, ma, each be east of what can they do against the mobilities & it is so with the butterfy. think if the preedy collectors of mucho - an receivey are a would ret awhite & watch the but terfies make lon, with all like little Aluthernigh of the wings they would come to respect their line men & oftener paul their their liberty. They do certainly enjoy a root of happiners. I nutrad the afternoon, fairs of a le numiter 6. pylades, n. enytris, TP. zahilom. I zahrlan umeld ni brale Pulleoflis making the wrigh rapidly, just as courting birds do + the male . 6- pyludes : I'd alone away all word. males of las our species , as well as every other butterfly be in warp, that come too near. I have the Phonicoplems that ended hardly fly.

1887 Sunday grand ? the che, have been one unbroken blue lada. It the mid of the north west. We wandered our the hills vousees Garrila Station & buell again over the penne hills home. Ath the exception " sulphunay ? Characoppers "tomotion) I did not get many in er's though I was a become a Linewites dis plus (llant: billerfl and one half to a usual rige. In the same Sangueserfa among war I is the butter of the Bring wiring grows in abundance + la me is always a very fruit plant. He examined quite a much " interes. specimens , urlicular y the bush avalia or this sickle : - "lle pod. God (Cruciferae). The fines, Domunda are now in Bonne dal their best of grew, him wild honey recelle sides and with black berry blossens. · tuly Muder a terlipo tre, I found many of I' blances that can brid or squim had pulled off, eating the side out of each. the we walked along , we found quite a wenter Germal cathrids, a bound thinshes, a King hard's

.. I of a cur mal grabbeasts, came to reed, all having young ones in except ma be Il Thing birds who we did not chint. On unabded by lune a red bat, which · loot let. flow awa after we have disturbed it a helle It about ed most . The time before il hook to wing. He Mon leave Oflin when I go out for a ramble, I fill off some hid my hand trul my face thends with there for to un they have a witch and bleasure alex - the seems ! the woods. I have that the ! by last plickong to are not so good for this purhose us there of the mostermet. as we have a national color, latino ulso have a .. it our, and let it be that of the struct hear'd buellong with its brauny arms. June 15. The onde that build, any year me the dues mini down had a my queer The wiole a note for a week or so, the he was I hear me the il culle i's noular our. Illinge that it lea ed il fina the robins in our own garden for it was much little the quales call & not made sor pleasing as the the oriole's Benral days past, my singing mouse ing me mense 4 her offspring, excepted from their box by graning a bole through its ride, 4 all excepted + Zap und. day long wandend about among the

louts & loves me the store morner, I spent un hour in the morning trying do catelle they but failed in all my attempts, though enny little while one would entire the old cage. all the tite the mouther and have in the environ she was still piping, burning hidden hirely during the day belief the tig ches! that - contains the sheet in feed, as their was no getting her out, I cet in trafethe in this te ... be not confitted. I rearded for mouse the yanger & found him heated away in an old Class clott, that I had used her come up the fox with. In the morning I found mother moure in the trup; so I have captured my fets again. This oftenoon, in my walk, I and The Vinos nut ere wars Viceo, to me it any me land dide . . I le I found her the g a city. Do my quietly, midsed, that I were mear examined her door not eye, I for red just under to, nest us tont - in this les ! couring alarm us yay as out much widen, was concerned. What the lette enal in may have thought, I would much like to them, but a spareling eye was her only language, when I was near .

days are the left the and if they are that I may be with their parent to the live this morning, with and in of her ofthe ?. I lang to 10 The ... a never bridge M. J. brough the same of the menters of the Torry Bota out 'lest' it we clarky don't los in ver well his rain several of ses but a afiel the and wetter g. " Me les ity & 1. Le s It level, "h " we though Podoph to who is the contract of Pody to the illi ble . . . & 9. is 3 grandle the last is week-Il do to the series of will ale. of the state of the state of I some with the form the sult it . if al in pulle their assult as a 1 . A ut a deanned think hand turte and i dies A ed to le a o the neighbor I had to it eyes it a female A Cynther Continuitation bloom as an the Auctromeda bruir roses also andromeda, & benus lootling glars. We work into we of the clay works (The Belamander) I saw them masse brickes peipes for drawns, Thing for stones, many of the odd shapes being Jasteined by hand. Mr. Poggen burg 7 9 leach lost our shulled a 7 mr. might list himself and did not turn up again the next of the day.

1887 I reglected to mention along, in connection with the Bodophyllerm, that the first years leafur had the 12, 1. 1. 1. 1. 11 wone . It was the the of the conserve. han it on the id. . I now is that the him to . of the se one your growing side by si've could have de lop an that large circular shape of the fine leaf, will out - crowding each other. a dead calispillar in a leaf, was being deround by two specimens of the genus Pour open. Some of the auto wests, which are recoverious in the mighton land of More bridge, desend to be anti rusto. infully innstigated. They is many of them two feel high & about the same board, belonging to the red lish from ant, also common in S. g. & their think that they most build there wests when the ground is wit as Woodlindge. On & I, I have not ied their rusts in will sides han so - her alm this land of the sod. Senday, June 19th. " h: alone to my letter struct prome to the structure of the str i tel -1- ! did I fine it. I not only ali a lot but mashed in a my big shows, in to case I the falet comb 2 all fire of good, + & left many for the ids when I come away.

neur, " Laste," nd-headed revedly Red headed I little further on nood oost. This law 1 / 16 / and was quite our new here in 1885, since which time I am new tree fow. The Alen word pecked was ar the ground when I I retried to the second touch to the form of the en sung buill meh a position. a song called was setting on a link of. I what has the most what the had recently left. I went up & serutided it's a rocket back little, befor decided to they awa, & a four fenny looking little beart it was. The grow beath & nest that I found has building was emply today. It, severy, continued thursday If lice some of which go on my face o. hundo in my efforts to me if the young birds had fallen in the langte of cal bier, - weath the next. Jung loads lean left the water. Anax junius, Plathemis trimaculata, Ribellula 4-mace lata, L. semifasciala & Pentunis donulia the familes of - 1 il finda har " net the trad gran of fe on this leguence, whereas the made an nearly always derived.

Wropen'a sulfhuria. also muse a slighel noise when flying but not so great as winted cia These were the only perfect grass hoppers I send " in maple on Phen mapleon i ustate uns cublins, ander Such ... Guila sudame : ly a las was seen. "us betiently i becoming more comment & I., the egin who to fire as age in . had been seen. Mr. Henry dward under meel us, grad ell, , oh og d. way northward The Rhe maple to was some un tran in Jame Phenerople sa 1884 la I have seen an e ber the part two been a or I this ringle and indust los Il is . I d of alerries trues now be selv it it under our true such a there teat is fall to the ground the set long to glet any a live gl h Fuentary June 212 . Sunday & visited line . The bat's in the in 1, mo. La . is place, a in the but's congrega Laitsun lan The yours ines in new and lovely your, & I found me little for having ban how down. The old sers the his day Wills serve marky every night; & I prolled up the remains of me that had list its life in that rong. He says be hids the young into on the floor min throws "bun

and of this minion, the for Little lastbeing mable to the very well. I disturbed con the darker of the tel to the flow, I almost immediately an old me came alore to me + let on a beam. I surpert blad. I with water, have now thinking of it it the time I brought the little on away. I rold not get at to ear anything, so laright I to a and the charry how & it clowed as i me of the lighest branches. The Id rol is are still feeding the your ones that left this west in this garde. about the 10th of the month. Feduradry, June 22. about 9 or 10 o'clock last night I heard the little but chattering up in the ching the, so I got my lauter & chi. bed up to see what it was doing. I found that it had come down the line raun from the lopment brunch, I was quite near to the main brush itself. I brought it down the but with me, it morning over my back & finally nesting close in we hand, when it . Kept my still. I afterwards gan it were the stuck it record to rayer. Lat eng I expland from the 5. in of S. 20, visling to get sure eggs, 9 but her in a leader box, thenking the world lay there then The lot bad a mast love in its ride ? To ful be abdomen through blaid them as the outside.

June 14. When looking at the cultivated lang weekle, which is brantifully in blooms now, the ille weed. first thing that one is after to abserve is that Home, musele the Stewn of low colors, some pure while and the others haff. I pund that the while gradually him briff, I her after a time fall off. It is while in the buff stage, that they give out that string odor Mail characterises so well the jurdent when the henry sucttle grows. I eaplied a moure alove this worming Mice dynas ... I ful at in my lig cymile bottle. I was Cyanide bottle. surprised to ree with what care it. died. Serval lines it parred ils for feel our its nose, & their lay greetly down gasted wer I live and was dead. I saw its last trimble a little, but then was no struggle, or apparent pain. Little might ego; if she had not been well a regulare six la ... in our sine some bound han let be enfoland another mouse last wifes That it in the cyanide bottle this norning. It was about full ground & struggled a very little before it head. The mouse experimental upon yesterday was not quite feel grown mot so strong as this are, It suppose for this never parted with life wind. Arment, a Examide bottle aoures death without much poin.

Madre James 17 . Saturday deflemon of west up the Hudson to Crolon, to see m- Page. "her country in many of its common features, differs widely from Status Bland tuben I get of the ears I commence to look at the grad numbers of newbooks, buttermulo I young to the road ride This country of walls also utrando in obipunds Allie ned squint us feer as I know and accompany Mus the agreeded I found many granty a, rulphuna a. sulflura, C. viridifaciala, A. phor vicopleres C vindefasiala I Tettigidea pyrumplea, being plentiful. I have H. plume of tene not seen a H. phomisoplemo on B. for the past serval transpo. Mr. Purdy has a larger black dog, but il day that you the beat acts strangely when it gets excited dizzy Me got it to play retirely running after in here of wood to the began to leave for our in his side & runed to be made to quick his monwert in the loss the poor fellow could not find the him of word til look him some time to never the dethink perhaps, then is omething the water with no We spent the ening in examining an old spinning wheel & experimenting with worsted as to the method of working it. I am

Crolon "weaver's Knot". (1) hunday we untiled along the aquelul dum the Rims, weres qualler bridge + clown the other side of the river in what Page said was the tow total property. In this next bunk of Tumpille Road llie Crolin then is an old Turn pithe Road" und our grown with grass tureds, the road to albany High bridge connected, it with High hidge a road on the other side of the river, but the bridge feel down about eight yours ago, I was emridend langerous for many years princes. "It was a lattice bridge built entint, of wood sables only being used to frant the mich from inguning it they being striking up & down the noir a fastered in the rock . We stood on the there on one side the now being a lundred fut below us, & threw stones over in the trees on the opposite eliff. Then is a great dear of water in the now now, so that it forms at the base of there high oliffo. with the wooded surroundings then only bring a deserted house in eight the old orchards truning milk weeds, the seems is a beautiful one of the Van Cortlandes & Underbills hun good name to be proud of their home stead arms. Then used to be an old

Bonne mill near len, and by an Underhiel, twen Lunge. sew on stone that was very little wedat the time forme forme forme. Girust Ine good her me of which measured 9 ft 6 in in ericumperance, & then are also many imported willow near the site of the old tridge. Lupines grow ni me place, by the works Lufaman on the side of the agreeded, I Mage showed me a comain patch of brailing arbutus that Franching astrolas he had found a year or 20 ago. Mr Purty has a gry cut that - I saw our Cal- meadow two occurrens, during my door day, coming home from the meadows with a moure. One time muce I followed it - into- the rusplany history back of the house, I walited it let the little mouse go & catch it again serval times. trially she ali it, swellowing head tail Hall, it long your stender. Num this chickins are fed, the green go up & hull feathers out in great quantities, some of the chickens looking very miserable for the want of their natural corning. Howard, they an not frightened away from the fiel tel. is emical to see a ben produig up grams of com & narrowly westering a goor are the way M . Gintlatus Melemophus binitatus is abroad. I also saw " 11:4 in minuters reapliend. a. minimophers of an unknown sp &

The following butterflies were seen at - Grotin: Papil. asterias. Phinnes, Pierro rafae. Colins philadice D. and plus, any yours cybele emple interrogete Vancisa artispa Just hatelied), Pyra meis atila da Limenetis ursula, L. dis ppus neonympha eurghis Lycama prendargioins a numitor 19. Zuhulan, P comes, P rom? Endances pry lader E. Se sides (one specimen) & E. tily mo . Saturda night many moth lew in the spen doe comon; hier a small Calocalar Chiar I han nenr seen before Imme 28- Sally Waters, the alligator, is give While Sally Wilno I was at Croton they full his large a state on It resel win who was, I she crow'ed out Ball, was very unusing I seemed to now it me as one who you be like of mea .- & very lung corms. The first ino or line times ? opined her more and put it meal in, red this some cause to an end, and i lake it of that my ninger wint feature nicetalously whe wine the saw are approcedine umm. garden Hongle- have again.

The eggs laid by Hyperchina do son June 22 (page 370) halisted today (Jul 7). The mond ing way up I do is the bottle , one following the other may closely in a "do ", the leader does way I tried them on white washer but they would not catil, & I have now give themy (cultivated) & rasp berry leaves. Those fed on the observable best but herhaps : was owne to them being fewer in the box. The west amorning trail of the young culirfullars of this aperies, is, the roldia lithe wa ni which their lotter we mother. I are walthed them walting along a land, the leader luming ainst win state some destance . the end , tall their behind uniformly tolland that count luming a! the very same boil. In the Colonina count of my tripo to though particularly in the plant line. The Botanes made a l'sit of over three hundred plants grand in the vicinity. Verbaseum Eychnitis graw m about no in place. It was also the home of the white weekle, & a Em ; bills a jung er grew, all there, will the exception of a ringle jumps is the week, being the go to S. I, in 'a was a sure and any information of the · ' were. Those 7/8/ 5 shine 6. Later Belaum Water On July 2 nd (having three days hotiday), I started gap. for Belavan Water Gap on the 7.40 train Frommed about all that day, butting up at might with Bullow Poggen burg & northropo, al B. 7 Bodh They did not arrive until Salurday enning It was about " o'clock here! started for what is trace the treach orchard, where a fine new of the gap can be obtained and also witer the unito be a truje, for it was . my had day. Black out rasplemes were plentifue, & on the high hills a few shododendm planes are get to be seen, though their time trail about bassed. I'fle neading the loss at the truly I lay down under a obestrut; we make how were to sleep if I had not turn for the large black who that kept orawling on Hr ans, I soon beerd to a 11 strick lating & got if to procur .. Low specimen - after the " med the to all the neighboring feeleds, hed talk about Eliadobura & the reallo of the sur a willing hills. He gan me . I wat it he pail of we water which he said was my valuable on the their top ? ! started for Brodheado Crush, minde a contra see in the contrar . Oh it was mul a wood chuck that came

permubling through the woods down the hill but when it saw are it stopped men suddenly for negarded each other for queli a time. I found the shows of Brodhead's Ener very fritty und the hills nong sharply on each side, The then was sandy & then was an inudance of Belila nigra the now birch, mon that I have enr seen before, we only having 4 lines on S. I. that - Know amything Herr? "curi a "cuda 4 our 4" large Cicada E pilobima patetro pulle ile " alle l'en car undono. I wantered a my the enext of across the ruther high marrow bridge of the n.y. Suggestanna Furstin R.R. to the other side of the chassa when the Del. lac. V Mislim R. R runs. Hen I enound the street again on a vogon bridge, & the summeding new news to they the well noung high. in me dine in about the creek. Under the Inter I sound a bound & near by senne aprings out of which I got a tool drill of water Their lay down on the board trout to sleep, for with R.R. training or, I was quelle to de. In one of the Oil Eac. Wisten R.R. piers, a plante land

brown touched walled flying up & them the showing of the lot was under an oak tre the noto of which bronched there is down see our it making and one was the about 6:0 I will through Experiment mills (about 3 hours & mill), & 20 on to the R. R. station & word for Bretter was seen on my William Charles de de la conserva y may on the The es wa g we followed the del. now to the worth of 12 ad head's ever > so alore de Un de made. Il be la ma seaw more of the reallows found a limpellittle sheet in the 1: mr & I captured an me was your happens . The window was Common . I'm man him . Sul. controla and comme to hard a gull similar to di de man. the one years in a distribution of him in it is the find a Lowered to consign inding. I found Endnas grata & the twitte Chelop insculpture the last of Chilopus which we let semper off among the subjecting tristies where we and . he the afternoon we climbed MC. Where the mountain on the george side being "noun as Mit. Parmany The the whole ran-

to the 16th aline more . One the way up un slotped at a small artificial love return I withen I and a species of modes, where hadrel, but inhered dime this little allad balf any up the mountain, an Circo 1, 11 a ledge of medica sandstone, I find of which I do not know as yet I did not see the species any when alse on the mountain. The day was very warme (great mertalet, in u.y. my int it. was now than repaid by the fine new 4 the good idea we got Et this Vaccinus ferensylvanicum was very thick an top of the mountain I we are in the On the # of hely we followed . . . the ridge of hello whenough Peach orchard" dos in places the path long very nervow with predipitores sides loward Bowl heads Buch. I found two colerpillers of P. troiter me on the sursalmer of the others on the form I we to when. The walthing for we common on your of the well. I sound I could made a fair milation of the stridulation of C. by mothing me of its legs on the wing of will lader with provision. Inthe mostlerof went our to the energ stone witerding to spend the wight in the words if no love and to found, & I with some sow there go, to come back to U. 4.

Thursday ful, 1. . . and cet the comme to hear an out but there we work about , though Part - see to the .. in the second se 4-Today day it states I have the find Country of the form of the second of the sec 11 (1 " June 15 th it is let i'ed to the to the second the second the test is I have in the leave. The bug there the but the construction of the section of the section to the lead tell , and of ilm have all to be and the tree Los de de la la de la Maria as it the the day will red of send! I am of the sparrows with had no about the ranter of my process 0 = = = = in Today I saw in brook of views and thrushers the seeme ? Think hope about seek ded road. It. 5 a cets of the te will de the piage of an. enemials ad home, and I saw had I and to be young and attend the

" ddle of the dusty ward. The book was perfectly well or at least appeared so, for it would f' about - i the this others I then come this afternoon. Jul 15: I heard "enoc bhalus ensiger thisening. Saturday July 16. H= Buttenmuller & I went to Cliffen today & renessed out along the R. R. truck until we sound rund a mi all shady place to set low for it was quite we in your that we leveled for granshoppers I made a list of the butter lies flying which I have I de into my little book of later. Fild buting. In an aster plant, ormed which a small smilex vine had climbed, I have a field brulings nest with serval in grown your. She was very quiet-while I looted in. it. were numbers of half to exercise and fork offing design to some foot holes I discound many Hyla model frogs , and of the will the Hyla is interested There I bright me Than now in a glass resel, and the trig here light in color. I sow the detering try has; aren my Tramea Carolina : trimaculata, Libellula but obella Law ifee is, Le wester? I quad yo

11 enthemis ampliciedlis M. lingipumis, Differ subjected to Per themis domitia. ? rividiqueid a few specimens of Chimarocephala viridifact D. Carolina um flying & i's and one specimen of arphia u Ophuna. Di ssoo teira carolina commoni 1. sulliduena Present thy ation Presendo Chipatina coma topleanides of to were for dy & Pluria simplex & hura isali words wer observed. Paropoda refinanço was also Hy have I'mot ode sather & a big Calocala. of some Kind escaped I. of. a resterday, is not hot day, this wo also . Is stime which box. the randy off I I. I was and one the seemens of 1. Fall of Buly " stews." could be the Some quite a while began it and fell, treather man len. hi in light in the air, for I was looking of a high un low in the newstreghten relage beece. e at the gle if it lines were one, 1 care . . ena. ens her, to a eld muce when the heard - I see my hor I note them " the leans their to dis the fruit, and were to It. remider is the I wisted is their a I have not my a for moth lately, bor enorg whe I have gove to stay with corlling Holliege putes is sich with typhond fever. Some white we had it ded him is the led The met don't he Knew nothing at all and will be a though ni his life. The is now very slow, in some,

Hun I not be the hed will you hand that is Is a thing ill or when I nementer my our fortune in the way of sickness I cannot but this solved how fixibly there expensives & their neverting juile our let . It is ealy realism is not complete until te has been " at least-once. He get a peep atdeath, I when their little throads that had buid life 9215 logether an stretched so lighty - night un'o brakling - he plays thenon since solemn times and when we get well again & wonder afield, natur mens seemed to look so bright before but we are thoughtfue - the brightness hus new another meaning. Scarlet tanger jul !: The scarlet tanager still sings on the same love in the Harbor woods as it did in Early Curi . Calin alla "une. On the hick " of a de about fine may curous cale pellars corono's with a cotton, substance that an Ensouse July 2 herred times of late I have seen an Eng. Is we had be to the little pipe Ital-leads the water from the melling in through the side of the how to a lieb out of loors, and it a drust. Today I saw a young spurrow with hardly any tail have Tread downward & drive the drops as

Eaturday gule ? hu der de la como an us Weather 1914 to a the all and the material and the second contractions " tree I this and the contractor of the sine will my deed the histofice for each han a star than a series in a 1 the reaction to the tople to alone It the sandan in every the Just have the street the new treet were the interest of the second the de to get a few ton the The second of th the section to the first of the section of they want to be the time rete to the testing of the there were e il il more properties and to go - a to the therm of man de la companya del companya de la companya del companya de la The Will Co. is 7 news in the with with to the traffet we taing the bet to believe of Our lite many war a carry flacts from, and the senting of : Ils & the properting to a propert hell. our for read of a one denne and of a" of me 18 ft in work cases, before the get to the serbuline, in the test will be

it, I got y hundred to away the serpentine Ennes tot the surface on the hill-ride of the cour get an idea from duck the cut is in the rocks, I have much has he filled on by nature. per to the string of the string of few new grass hoppins. I mly saw males of " len obottoms curtificunis a slump of Dismodimen (grow in wel place) was in bloom, HA also 13 mel a France of the While writing for one of the storms to go our I sal on the pigza of the deserted La Ban, mannen, + inspected the dones it he the wall of the house. Then und drift wello, enral thirdo, & it would be a good scheme for more of mer. a house, to han the stones in his wall labled, Then we have or think granices, hop, genery was & serval time times & served stones The water gusted me in a torrant from the sport leading from the roof, & & pictures to will all the people whom hims that water result han sure, during or der the to me. I don't at the lines die. noi lite line plane

street in the villages were florify as to the value of the villages were florify as the village of village of the village of v

Two bridges on the Hariem Rairond, between lithedric and Craryvelle, were washen away by the lood in the monrong and all infifte was suspended on the read beyond that point, the properties on the read beyond that point, the properties of the time was made to get either was. The washe for a time was made to get either was. The washe outs were several hundred feet four and it will be impossible for the impresenced train to get through the foresto-day. There were only in few passengers about the total damaged, Many Fences in the original damaged, Many Fences in the original damaged were washed away. The offereds of the railroad at the birand Coneral Station and gat evening that they had received in

their tails of rid

their tails of rid

their tails of rid

in the rando opening to fast they

in low places flooded. I sow

in blatteline, as I makked along the

out fences were above water in

the appearance of flooding maso

uns are now little garden

in the rows entire by flooded this afternoon

to bear bring just above water & the

on It. well wear this young tird there we will a fear the sound the letter are to sold in the sound to seller are to sold in the sound the sold in the

Any brils

furniment of the same no un the garden this hut, but they probably al - represent

enutin I saw catal serve mobably c-

The chippy that came in the spring, a still has

the down in their tails first The sur came out in a while & I left that houses organdens were flooded. I sow some places in Staplelon, as " walked along to hill, when only fences were alrow water it the house head the appearance of floating mes on it. Then was one were letter gurden that I noteed in Toughthems the in the that was entire by flooded this afternoon the tops of the beaus being pure abon water & the Com mostly on and long ... await ful to san semale of sparron feeding a your one loder so auphore this went be brood no 3. She tried, b, find flying on the well near the young tird, I here is it a peach to get the little we to solle iner but all this with numerous calls, un nos ... rain. It was repealed Set is seem times wolably for the name that then us a cat in new , twhich enation I am catch someting, probably a spurm out of i - same Aug Ends The bods were ou the garden this lit, but they notates all represent one Ame by. They came about the days ago The elippy that came we the spring, is still he

Orchelinum rulyon is Soutiful other bilds tun the orthodox summer roar, the Kind we associate with the instan L'au T. July 27 Ficanthus mirus has amind that is is stidulating. how homode from for tay lacks. to upo. Toads an sugar yet. This has been a summer Thurder + lighting of great - thunder this belong storms. It has stomes. not only It that sensul people on S. I., but - the lightim has damaged & destroyed many buildings. Gasterde, at about helf past- fin p. m. , I was sitting mear the window talking to my and when a erus'- of ll der made both of us jump: served inches of me our seals. Shortly after then was another borney nearly as bad. The first of the struck de Church acres we were sitting have a me a postion of I'm to betieve inche. Then was also a blag pole het in the release . It. Prince tone Pleasant Planes, a church pheeple was him aplintence. I saw two & spanned Eng) hun a figlet today. They ug.sfarm came he the ground located logether are fulling on his back + the other standing on him + presung him as head as he could I thought the unbucky had would be theled but he finally got up to paper a few men despirate charges at custo other they flue away. Just a number of people atopped to look at their

Saturday July 30 th. The observance of the half hold is becoming quite the broker thing vil helps we a great deal, " - femile quite a variable of a saturday afternoon. However, I did not so out today, as I thought - it would rain, het I was mistatlin. In the garden at home, in the botters of the afternoon sur a Papelio philanor was ofiting thillens. flying in circles believen the bonse the grape me, now their highling one a leaf or visiting a nasteration flower. There was a decipal varies a antiopa with wings much tom, but deman full of every y, 14, Manual so through strange revolutions me the air with the gay Papilio. I watched this boutte butter fly for our are hour, Aleft it still flying up & deun in the sun s'ine. a specimen of Linear, would would vis - the spot now an their, and sport with the Papelio; and one the walk was a ch former Graffar. a range forthy day, I think, mis it be wrought concerning a butterfly that I ad give through cell its changes, escaped! The permits of retiremous, trods and numerous other enemine and emally trake the chrysalis to find to wing empfled velsel encable to fly . .. might be made to illustrate the uncertainties of life

On a maple by in the garden, then was ar. Rhysoal lunala which I disturbed before I saw her, & can'ed - her lifty ut ruto a pourton then it run to autimae through its for legs Serval times vafter the un clean the ling our positor was passed between the hund el captured, about desse, a specurer i, Partis Paralala1 planscens, tie d' l'élat is destributed one must of the world, where drag on fles The proje le living of poste que an intereding account. a fight between two tom cato. Tom cats fight They say the two towners were engaged m no fan of no mean order, the people on two praggas and the chrekens in the garden being urtresses to the struggle . at last one cat getting the worst of the battle with lith & sharp noul, a roosler jamed in and slopped the fray, the other cock crowing loudly by way of applause, hiter in involve to the & ... I 31° This was a tropical and it ista. The many

butter this flying and a recend broad - of Papilio lumus abroad. Enestos un barticularly Cuct ou abundant or line jul - it seemed to be. a soil of holding of theirs, o' was heard Quart a grea. Il nom I clived sulo a love news the his heat print of Salin 20, Misque 'voo lo cal timela, for this mosquilous un a my thick on the round. While I was 10 relinal book ut the a Eardenal took carrie and song in a dead how wear me a that I could ree him plainty. Ill "his caser the I'd bruling oder es not " he . Feele andings l'hermit Close to the reserve the a comment. Pinelala Co the may the recently the late so and a met all them buy your a get of the re we quite want to carling except there rent enverad from the supac and all there 'sour closel wer water. Here befor , and see this draw. It alie, though I n'itter gan me our their he una captured served years uge, near te, Mallie, he Weathe Bunan rejects this mouth the tropical nature me " to be o sail to 1872 to find a " l'é l'an mais lun moder de 3

1887 hells and in the troots, in any hornous year at this line. Brown thrushes an still heeding their young Ang 2 nd burning some of the hottest - mighto it. has been no uncommon thing to be a " on la Cicada giri a my short 3-mg. Perhaps they are drawing & are ninputient. For the Sun o come again. Aug 4. I found Une Cicadas logether in a hear line this afternoon but was made to observe the aug 4. Kaly dids (Cyrtophyllus careams) an now very plintiful in some places on the Island. At hist new Brighton I heard a grat must tel was said that - time had been id to trug for about a well back. I've common boad is still singing 4 Saturday augh. I rains this afternoon, This morning I head an extra, agues, Jung ing . entien I went to feed my muce, and when looting a sound. that their were West . 9. some mon young I do not know how wan yet. The surger has been singing a great lead of late, and is afflicted with a med of mange, and the hair has partly come of her face.

Sunday Aug 2". Then has been a worth wind shining blowing all day and a bright server so a better occasion for transping could not been been ordered. I were to Former Bay and our to the country about Ros sorlles. I captured his with the butter, lies, & I this one of the letter is new to the stand Also a few rarshoppers; this so called Fall form of arphia sulphuna. Splianagemon Grass hoppe vo collere Princil'a ancerale , P. marmorala blindottimes maculipennis & a melanoplus 5. collar other Painidias han not use developed yet (most of these I caregie had recent, shed their puta skins) and I found a hew perpare. about some small lecusion tous on in a feeli omen The tretter the needs is bleek in bloom, I saw Butterty and some in Jul 2 when I would bo Del. mater Eaf. Carria & false vide'go an abunda 14 Ensaia in bloom, and that peperidge true that-False indego Peferidgesland in the water, an luming common that file is in real every ripe, and blug in res abound This down I clowed up in a 2. obtaining

his to a standard and a new orders. tight inseal "ided not bear a more to " wit. and the second s little I I much row about inder the Ine of I saw Tenas line, the the d y this said that. the state of the state of former they were the register of for the state was a stage of row other ming to the last time of it four de la commentation de la co someting was bed in a cloth which I did not disturb. " - to the fitter, there were a talk. in the same of the true, I a the way of the last last all the pringer of the thurst on his lift hend in a your will see mill, in a ma and was all and a persien of \$30, a weather. He but waved about the fields in the might wood since last thank that be

said by they my tind it it "it was deall for our return your feller as then was nothing to sur " I admid luce to look after the wido but he and one must have an es du de le become intendez a serel the web Pantala planeseus ren : ne , se . t do The me . -... sually ring ? captured a 17 49 of the 20 called 9. c. 1/1 . eleudes i'm Il itima leus, in som a high wied by the wad ride, These an this wind. I we seem this summer. Baltimen onde I hear Baltine i orioleo agum in the morning I about Yest de I made an instigation of the muy in mouse mouses west. I the mouse y restine in grund -- I find fin your cridents fin or nix days old . Ital- is they appeared much then the prome young of last homely one of which is the pather of the present formely, the other one having been too ... I his mother. I rimond the family to another box, trull watch with witerst- to see if the are servered for the reaso.

While bellied days swallows thing one bead those Sunday! Last like their reliefe - besteed - but or the tite after a price. · paterday, dug 13. I went unte du 11/ itie Com. association for the advancement of Science I de .. ith up the Hudson vine locta. I saw many to and of the chief scientific is of the day 1 stolle to a few of them: at meof the neeple no lately, I saw Dr. albort pielling him out savil in the control by his odd shaped head which I had had beiner at the hotel, after with most of the people went to First Point (about a mile) but a few the volumests muled in Putnoun Old fort Putnouns, the one that the I reconsorred the letter for a se had a pleasant muito the res of the ris y unuday country being man goo - from our I saw a tre that was new to me groung in the first and wiso i mie down by the now. They on the fore inon To the & baw Lythrum young abundant

but the mosquetos sun so this that d'undel not mot a munule, except 9 chimity a me Convey halus nobustus & Mais acciden alutaren formal for the first time this nasm. armentes is what is one of the most abundant butter flies, the same Libellula remi fasciala, L. quadrupla, Pla turis tomaculata & Diplax bering war observed. I the is quele possible to calch a mand would in an used net they fly as near, while scotiling, as one purses through the high tide weed I made serval efforts loday not for the purpose of capturing the lind particular but numply to see if it were possible! If I had had a storter run to my net are that earld brok down through the bushes, I might han had the pleasur of letting the little into go am, as I was , however 1- escaped Le menerous sterno. 2º il ieux Hibiscus moschentos es abundante, m flow now, is is the purple we (chis) ile...dela in while a server was the ing I also me of their to my free that I well led to nothing ye xamere. Haven 2. the morning are so there that have now mideratie & slathing in an an accomplished (See)

With the of the first the the state of the s Sametine The Interests "rentometagento"! from the overstien her to be sending, and we had a me placement time Buch plus and the ripe of me the that yet I de a good ness of the ille · la time to be ce ill'it about did that a me de le me to on no los to le - 7 % ... uns . It plused to lister & tell up no experiences. I at a back quite a constant of the there you, defred flowith . The min set ! all so of the marking protein from and the second ile. Porriful I found two specimens of what is fabate, bretiele mune concinnen. me (p) sitting in a grass them & the other To on the lop of a beaf. The Tidulation is cometting like the acc, it, I walched them for a live of their with quet can & witeret waking any distimbance pul the q in my bottle, it is

abut two ft away. Though I wanted some time be did not stridulate again, ord was that on the was work with his wall loca, tal me time - few drops of rain feli. Le peux leans in the garden an falling off, some love of some yellow Signs of rutum with brown specs. Do this Fall on on. The grape mue that grows over the well has enn a few grapes turning. I would be the Dort station on the R.R. Twalked. Whili bellud along through the woods home, seem hundreds of while billied swallows sitter on the tetegraph Owallows. wins. I also saw swallows flying 2 outh this me, in The lievo on the big peperage me at new Dorp are turning color, and I think this it I a bents Mela oplas autumn, had just oast ito pupa skin, hanging to a wed brown) all while I limp, but drying also new Tu ion call their note. 1 1 2 Field benting in Dion lake sweep is young in wer - are promise tickeral with in the Court of the co

got mue been of Philos belongthing, it German have to me at I think that a liceder come were her the it is also though for the the continue today the menter the many had been fireed with a pin, that sound would be produced. Before I captured it I walched I'd all the state of the I die singing loude it would more the abdomen referred for the first the true the that - old Cicada had had have enough time of i, & it flew light in the air out of right. They tian been my please ful this The women me that in the Misquioro one of the second de sep the down the dild of and the to their of their . Up me of them true a telep. I time Lewellino a g beauting of the state of th I remark in the lines for property land or a feet beef but I wo a recessful the there being light defined. I search or ester by wester, so of all their I me of the ere were with blevish. How like should ar expect to find a furfact wan, when leaves in all their orliners

discour - - - discourse of ? I descend a redling about the Ir in altim under Auch land men beautilies tol and office Probably his no me I wow this fair little line & with the exception of the equinds, muce & errors and do only noilor. My old you " need that has change of the La Bare property leels me L mo. Mal- the 'error hull see his pears off. Sunda ling 21 I walked out in live Clar rally Is pend my time party I'm and on the surrenting hills. I and not are a great deal though the Any was pleasant & I am sun il was Bids shedding my fault. Many of the ind han lost their tails now is they are whenty I saw a mary land - yellow throat that had · land a feather left in the way of " nit. I L'ellew-throat l'en la quail I saw what I hook lo Trea L be a wild pigeon. I han also reen a few med hegion closes latey. In a field time comes Cutching grashoppers & I watched her run me umo after in other for some time of me a The med the surrafrus are very frutty wow. Bussay us The stews an red, the fait that a dark blue of nige trobere Latter out the cup dark afor so discound on the end,

Laith. I he all it wire out if the to, to let yours test ac de me had bee dimende. In it was tied in 1. In hill in have made a sel heat your and that he were yell to the duck . It is we had is a lette smaller than the or three that the family Mr. in the total and the am tal Til catele grass list her veniceles; to lost for them with her fore paus · the gra . The have a risit now I here ima a neighboro aut hanneg u while body & black or dark gray tail, and this metty is my only rival in the stude of the Orthofolesa in this Then has been a Enoce bleature strolus strictulating in the garden for the fast - t - ennings . derseme! also fresent 1 ". ensiger your. Sunday, Aug 28". I would to Crootles Pilitaley & Spent my time on the meadows, + the Swampy ground approaching the Poul: as I left the house at 7.50 Thead the ofference of no me thing by here I then the

that andanced the winest " I test most of the most my a Ortholine an out at to now -, his it do not have it - where there have no tend to be in to restrict to the test la to the second string the second to to the second to the second in all to the the word the war then less to have for all materials bearing a ... (. El deine if C. eil cen .. and the transfer of the the title of the same its in the contract th in its start was the same of t I be to take the second to the same of the time to the second of the seco the state of the confidence little 1- and le it totale in any land have of. the bottle the I had het it parity See I as 405. The drive in em

& a med in a les or trouble of an 28 " notes Menday, ang 29. My flying rquine deed a loday, being two years of tour mentes old. hand, so soft Tface so pritty. I was sorry to lung her. I have near had a more charmines fet & certainly ment one so tame. The had a contention every morning when long is to get out of the one - when I of need the door, I I are searoning to thes her in I'm out always vie one is. In the uniter time I would let her outin the crawings, I she rued play about the lable or at my coul from whence she uned peop and now and then. . Occasionaily she challend a little but though on line with other, I never was able to tell took was say a le often to me I gave be wentting and ig my what , here without I full in does not expans the orm I mentlo

home of their wiseds had lest a hind her and the sear had healed . . , I al . I'm wading des their oil to we a the ' locality 11. ... Indutes born Orchela ca VE C. .. Ordichina Listide un d'n las colos. The excels or hist, 'a " a " which, mild 2 ns' call my love so frequently that -9 Circled or v d till. More the train by the ide 'the Unknown licht le us les le le lle les priet the high lide bushe "to . discound a anazipha! vyigna ner e 11et fe S. J. It reser 1 ce o Memotius u rvery light erco. i to lith the captured de l'a men l'all elle e d'acens e of that escape is him ' position e of a el a ed of le. The see Il ri . Ital I ware , happy one the de tich le lill e le course me en les e le ofete life e but he on live The while bellied wallow were, in numbers While belowd seroling on the later, bushes, I the swallen. monarch hitterflies non & them lete ca a price of rea weed or other object cost Vanais seets by the wars.

and as here the a freeday he still Mesotte mus langifumes & Tramea no sun 9. 1 Port Inh land now thying over head, shad The form I it an the meadow, I I saw a little brun make me me the grass & ... an over Comments. Mip across the road. In all this was ang 29. I did not mention in my account of yesterday, a mable the last that I sound among anothing lite. Stems of grass ground ar ross. " grow. ". It is a now a cal brun in - & some was wouged. I found the west just as the der the R.R., 4. was also getting to the dealers of the thousand han lited to .. Today a ma pickung pear the garden, throcked down a votino set contaro. 9 * one; he said some won dead in the new I can't by replaced the structure in a line when I a we live, & the remaining your one may recion thention from the old birds. It is to my shawe that I did not discour the new time we for I protest use und fall. on me ing under the tree, hours, I strongled notices were through necling with the work is the wespected in halun I'd is not use to be too we. Chymids halding Lately ne a formed los chrysaleds of 12. rafae when purea by on the ne luction in the guide of to In the yen ment . I ded with Ea a. in the them. Her both has check in the de S. england and a surprise on the interpretation A History the second of the second of the second in the contract of the contrac - / I | | | 0 The state of the s the way to be the country of the There is the terminate of still as it is the first in the and the first that the state of ----us in the second of the second and an an about more and and a in the second of the contract 7 20 2 2 2 e out. I have the the gold way to begin themen, is a series of the more than you it were no - the first of the second of t

the state of the s - Land Committee of the committee of the 1 which was a in and the The morquitor were greate thick arear Crooke Pr-, withen I would to look is a senale of the new of Crion d'd disconn all bundo, when they won not at all traderous comparated with ... hoday. I succeeted in capturing but me ein beinale on that; it being the only one I saw and oriboritor is similar shaped I saught six males, all of them, Iromenting anyipha i the leans of the bight tide to be to be a first the same has a fuch a first the war fuller a were to it the interest of and a the will all the will switted in med some in it was half and an interior as a con to are noor lettle ending, I have refer and a subtraction of ode, any do with both hind leap give. The water is about time.

The worsh weens are but to be seen, but there are not the good a wille 'vie , of a month Mask um I arrea lace alo al d'a de read a com, or i can y ilian you also a from the field of the second ... ca i de l'alle Willer and would be I all to the color. Il. to me . we the second of in de mone. de che e che and the off the things of in the second se the state of the s the state of the s and the second hospital has been the g on Le. Le. ed, ouse, it is bouth shot there he new water 7 1/2 1 de 116 be Butter the and al floors iron weeds a Bur conums this tes

Bo Continue of the second 12 11 It. One of these trees a giant 16 feet - 9 in amud, with eight large where he was it is the fire I notice that the ends of these branches or in about three feel from the surface " the swamps alway turn up again, + now hongontally. In the brunches of this old tre I could se down, & there a r -. mum bors of recur reals when me could shift side to side a mi eing cheir. I di seuce, I ned some pleasant portry that I had trought along, & 9 watched the high holder in 11- lots brunches, ta fish hawth out ver the meadow loward the da her Tras ... to de from the contract upon for they live an uno structer. re will as we . I am not sure as to the species of my wellow yet, but it many

moderate in fire ten interiored that 1881 were lying near servotter willow, I'm a sattite atte metion a stancet me, for it larted up from under the end of the la un which I have my fool. Buny m. wis the rounds arm the wilk we to I will to eating black bennes, a few of which yes-: ", he'a sulphuna was along, as it flow Monday Sept-5" Labou Day "1887. " rived one "tation this me ", walting and from slift me the time hills. There is me pand that armos is - familed tirtles (C "", done mon in to one ma the on any formions occasion. I sa one o. the qui of qui of large peperidee bre brother off at the December 1 day I what who on Todd - this Wey real a take to the service moising the first of the first of the first They did not then that was going to m.

policie to mexico. I there is not to the same in the same of There is an interest of the second 1 to the set the set to the set of the set o Sacred to the mer ony of Mrs ann Wait, Conson- of rough wait, and who defined this life October 5" 1828 aged 38 years, 4 months und 14 days. over death to maken, her soul to home. Swend to the men rong of Wram Burbanch who departed this life may the 12-1822 aged 77 years mon this and 22 days, You living men as you pass by as you are now so once was I an now so you must be May grace forpan to follow me. In iss in E. The wife in the touch Inda it who die the It is to fee Colotex 12 18 18 aged My place well limite ou the ground Till me have tempels jugged wout Then land the chains with much suffered

Back to the menon of beech Bu banck. who died bept 14, 1854 E 83 yro, 5 mis no len - has 'ear - c hi gran To those is been in a Ford, Who Know the Redeemer can save, and in the faith of his word. While as to askes - and dust-In gin unti dust, in our gloom The light of salvation we brust, Which haugh little a lamp in tout. Blessed an i i ceas a de die melle In nemony of Ricy W. relice of the late Joseb . Burbanci's who deed nov 16, 1865 in her 87 4 year. Blessed are the dead which die in the Good! In memory of George 6. son of Jacob & Warthat Burbanck, who died 30th Deer 1834 ag 1 year, 6 mos & 3 days. My loss my babe is gain to their My tooos bleads but there are fre, From sickness, can, and racking pain here parted but well- meel again

the second of the second who had april 19: 1841 E 71 years, i mas Here not my oft timbed heart Insid on they God, they Sanour rest When with the world would green to parti. When called an angels food to freezi. Tokeghe hearn that heard the solemn row That now renewed daily hear Then why lament - departed friends Or shall at deaths a and the same of th the second of the second of the second to to an in with the destrict indicate the contract the the principal tilles soir and a series as well. as the second of the second of the second in the to see them without their so show that I man looking over. a rediend vino came close up to me in the bri, I also heard one

that existing There were also while exact vinos, cal tirds and los the whole good a white Itlack tid that flew awa so go will that i could not fair view of han an large floor of votre new, I seew the first in near Sil Lake se a dans ago, a lata tt. . "I They can be seo - this Fall on State to & Long Island, but ne when else in the state. Por birds, raised in the orchard but wear this farmers ... perhaps, used he will & have but to be suit our while unsuffer largering near the humb I think I captured a new granshopper to the blad, 'me i' have surder . it yet the marios bout l'invarrect hala vinitques als es un ble n de., lus une, vile so ple tiful as O A/ TIA'LE AT THE ATTENTION OF THE ATTE Kept- fly in circus about Sept 5: 9 saw an world With the Wal. Sheeder Orania had don't its pupa rou's a short time before, enja ed in eating it. It neved to be els fluefea a. for interest and of the framer, at least it was eating that firther of its former ref, & ? sent a mount of on of its legs well to the grown. Though it all with a root of meetind yet it was not at all sur ig of the meetinal it

boladay, held 10. I would be caption, at few more If the yearshoppers that I have a some of the hill rides coul of Murrenaus talley as the 5º I down the way the The prepare a mining un . I heard Histor. about as a come in it is ing time. There are also some need forth & a few The many for land the jover Fit ford me It. 11 the morning Fully ... ten now & them We have but any words sunds fine fur our your "a Ole me the being biller about s and the same of them, to die them wells, I seem time now the tolk a mile and the and aller the die air also fly in is the the there " i fer at one in each me the second of Leen services and the services and the services and the services are services are services and the services are service in praise warmy interflier and ice of the land to I think I be captured Newwood of his if so it is a men of the horas of also captured a fit acompeta on a lie bruth of

Sunday Septe: 11. The while-belled Swallows en Algring sentte in great me bers, in early morning. I wow to natchoque meinity; the day however, bring a dark og lanny I not mes also - in come u m ? Home halacenia was plentiful on Count hat w the orders of the salt meadow, they tops very fast when disher bed, I often times loothing to see weller it was a moure. Marsh mous an still her. I saw two Film, to wrome to take red, headed woodful in, and wal hed this to a grand. On aster I think aster spectables Close, now in , sound grand when then is a lette woods remaining. It is a lifter than the the flower is. I expland a new trust of country our toward the Tunkike wall, but the clinds getting my black, I started for home, arming quel- lefon the rain of themes have mentioned when the state rece is in the second one or Finish the riscard them by which they are attacked shired in the air. The an globular income of seeds like a fine apple han quite the odor of the by ice bush.

, whentry, i was . It was cold this works. thing a worth wind. It got name in the middle of the day, while. was musting juffull about watchoque It though the woods to the Tumpitte rond - and back "gain to warly the many places when I was me morning. Frin we war words was flying our a sandy maste, a. Melanoplus collisiers were plutiful in the same locality This was near the M. W. and of what we call the long, low lane that has no turning" for it is a new assesser long of the road without an others crossing it her near this locality I saw served specumens to of l'emdela modesta + captiend ou This insect has only ween us in principly on the blave, Pottunelle. I explend a un a live rawer country than I minted last uday, & finally found musel our by the Tumathe hoad, caning out pistappointe the mater to a engine house, past Bulls kay Many of the horses are do to mine. just her & il alians gives the line wifner of a long settled come of The Hidge way homen is el . by . I found the time of are old nut with have how growing in each nide of the number of course grows grows anotices the grown of they flat and in

ground in the new storms eature lunch, it unteline ... Mearly was the large papering for the " " Lowed last Fall; what howleans muse and in a chalk dear brunders had into wal tinto. Ale, such day! w higher, type a isular fant mingles with in distant-I la sancia mother aprel and miles a . a qualidred some much this "dance" " The, would - Keep up their ainal wally for about less reinveles when all the plus would settle down in this grass & after a will then would "dance again, fin rade ust the outer company I had a few pers warrens that were good, the birds ... I would not it them off (9 saw marks rento in their vides little preses from a hill I they ripured . I've grow L. Haurer, great " the ment is necessary when chosing persimmence at this season year. as I willed ale a word muleting a red and welferthe, I the many high butters, I met a man and a bay, each carrying Port feelers a gum, & they sugued if I had mel a mad . down the road. Craft long, I believe it was the wood pressers it ... would shove, the was afruid that the law some !

Ou the borden & a salt meadow I beard Enouphate Courseflas ensiger strictulating, & afterward captund. the pusige & misel. to make our of the operies. I have not heard an ensign for sensal weeks put 4 had . Thought - their win brotably all-itend. They then for span our a heriod. of two wentles in the feet state, though In a little price of wood, between watchogue . while & chelsea, then are served large while bisch ines I measured one that was there it in circumpun 4 the others was per a ringe Cunday Sept 15 10 Pollemoille and vicinity todos, the weather being all that and be desired On the Parist there was a 1 ing i deer flying rapo + down the ride of a down out a fish in to till und cided as to when to ent it for it was so large that I done thruse it could bean smallower, i'm colors. It finally flew away & I did not see when it let. While my companion was on the shore, 9 climand up on this bank & discound quite a cluster of MIL "Knee high" blackberry Treshes. This species had been reported from lottum before by Bullon, but the be did not Know when he found the shee men, the evidently did not come from this very noticeable patch or it want han - nucus wed ..

On the Paul (hards) the Cratregus evenined Coulingues that I discound serval remmers ago, but was was first idulified. last year, was en fruit, mided there wild apples were very beautiful. Le name midicales this color of the fruit which an of a deep med, just as visid as the rect cases on the rose bust is On timing our a . rd I discound a species of anisolatus mantima, the carried that Cruis of al used to be so common, before the law of the RR. in the steen at Camp mashington. I was glad the find there it sied intentions our Istaglet. ... wild grapes in very good and tim one min bring purple and the other lines. Then is also a which Wald grape rinely of this species. They were very good, the while banely bring much the best. The pumples I squarter in the helds give the un ... pleaning Reppearance -, + 9 little to. look at them. They are of queer shopes Fleen, & their los it seems a sere of as iden to find such a large fruit fast the so small a me. How dillegent - undered in the pur plin plant to lay up more an mineres store of the good things that mother earth go " " els" 1" 18 ling. I caught a how it is the but was particular, interested in the actions of Principal marrioda a

mended of individuals war altered at it Carria plant cating its leaves that lay party a see more or sand. Surlive : they would run a letter very after me and in & offen they wow is no the hite ners their migames " could distingue, me, ful wine we grown, your well nevert. I saw fivo hor non. malles are encoding vido a bate in the 4 the other of a . tille . fice en 11. This latter specimen a somewhat was as a fluit, ... and lursing in the inverse. Tinding it could a fler a my light effect is regarded and it touch utuit I was a refrered to see one out of its mostly so easily. After the it ened han mode the rem rapide but 1 ye a it by the lail Hexwined the true as confill, no 9 could by hold . . would open . It was quiet & did it strug be seemed The loud in the mean time, had recovered himself 4 1 2 2 Mil manne of londs. I filled have I be folder He was I Jonah aming Bugos, & he had your to be my therefore which I supply on the expensed in the Hundle win

Chrysopsis is in blown & with the purple . yellow Gerardia. (the golden rods being understood forms quite a featin in the wild flow de play Repl o Bwallows or flying well, high in the Swallows air. I could not see a deid free p'- was. Sept 21 What les france of steen continuen While a lever Mr. 7. Cher Septembre 2; I mul to Ad Place this after or to see how our the d bognes ed mitte the The to dec. that inde well will law was " and the second of the second o war the house made i dan 114 ste. shello a week with a wind, a little one. story at perdud as a sa I dure. The inner had asthma badl, It's thattwo me wheel day in neiting wear the sall will be be butt but here, we en will erretto . Here he had water in thine sides He is in ex-edi or of some religious haves Delle ular of the elevated, " wells in the mender, I seed a mark une med a fine of me - the reeds, not one a navel area, I potted live out & ste my upon the walk he de appeared between two of the planses, down to the neds arain. It was quite fouth, to see the lind go through the walk for it would han been so easy for him to han jumped 1887

off the side into the mendon as about my over bird would have done. Lide Sept 25. I went to lorastina 450 den. to new Dorto, walting the way I would with numerous delouis (.... to the viewil. of Rich ... I grile a much of miles hertrafio trea is the Gulians julians an now we bloom, I saw two queries. he madinal toblice stell outines Cardenal Evbelia in flower, the whomen danditions have Den letiens appeared. I cublind a Hesperian that bootto litte - new species for the Islams It was flying on the sand at hatchogue I saw two med in wats of Memotices nemobius " relle'us hanny a fight, and all the a hugili notice they kept up , can strictulation nei! .. we appeared to be at all wound the wearly pulled one another about a I risiled a fore new lanes and by ways some my fruit, indeed with the ripe fuces. He mie bon some Eleanse lange black ones that our the best I have eater year. I bound others late. on, but then were not smaller though. the grapes were my the logether on the bruiete which always makes the total will

Or our eats I seet down by the ride of a hay start, when I could get the most sem, for it was I will un ont..., & broceeded licet my limite. I could see across the their to the trick works near Rossnille & wiso in the denotion of kindlenew relle. Bu! About object of most in interior in all my no war em that stood under a low mildly emi me. Ufter a little whi. ale benne one le never I was I rolled. her nese met me box, This notificated it, n hosessem. The letter bring trick of I your her some but willing a realing ofer worker her call no I head - & real me to cal the . adon you . Tobe went among the stack for them that I was then serhalo in a was drad bully problemed when the saw me from the other ride. " were major to 15 mules she i. . d up and when she was herding I see me me still setting in the sun regardes me « a Leis momento & them was straight was to see me. her rubbed nows eggin, the Kind guil browsing en" in the last cal briefs, many hand y then through of moved thines hes in the are still her, & Snow linds have am rel & How ramible 4 erry one of the was some

Though hazet bushes an pleatiful current , yet they do not been a great menter it mut to not as many as they do burther north. I found the bist bustes lodey that I have yet seen on 8 3. they being quite large & probably old. In great many mulo won en them . It got a be full. While billed man Big 19 1 wallows (While belled) still flying south. · Mondo Del 3rd On Eature afternoon 9 mult to East Drange to risit to i deans I thong it rained , we cambled that trave afternoon out to the trap quanes. The columnar almidure particular. will show at the present state of the worth til is loo bad their it will be destroyed though it may give place to The ochrums, where particularly perfect; arrage lurilyit in heighthe & not in the no sandstone the a structure very best the latternes of the med a small plast at The base to lopple their one, I for this reason the

equary has word a very fratilate min. · Ohr Sunday Mr Sterns 9 welled about 15 or 18 miles through bautiful South Orange of our fine - I second mountains I han new seen any free display of butty house, von's first mountain the country also we to my fancy, and meled any nul courts would be . In mult up into - eno pasterre on second mountain when then we a con eating wild apples (Gratagus) in spile of the thoms That a good new of the broad rally Chestunto squale begand. Chestudo were nice I'd sound i - few but - many that kay in the round had an bartly eaten by squernes or mice. I'vo land littles were in .. morel til- of mode; we a quette des gray eyes the other I think was also a ternale with reducite i now eyes I ge this latter expecumen then wo a my slight depression in the plastron tal-makes me in doubt as tothe sex. Mar the territor, then was a Lack smalle running lundly, his den being close by in a pile of stones. I, however grathed him by the tail before he got all the way home, but he gradual, stipped mbo his string hold, a place that he Ances better them my there has in lange

The time in the recorning it range mile first to the it it had not true the met a mount of meter inner 11. The with the we were Proof to a fine at in this are on a revolt rate we discound a my good frame with in a house, when since con hero had been I examined to construction with some can usil uno will made, for a few there's of d. . I proces may some day ? to be make me a fair Theasant dully whom in to pass sense summer days, Hyla bickenigi was piping loudly & there The in je min many blue & high he ders. " said the form of the this aft now. Oct 5 2 (Saturday). I rembled in the recently of the country poor house, them over to new Dorp and home by below latter It was a norm & please i day, I I heard !! 10 g Sic . 3 song sparous singing, just a swelly as It I spring to a May offin my 5 . . . in the fact where in Court you ranky here, road pedles about I al o lut lindo March of willow saw in low bound therete. Into now apply 12 mm to be the charge severe for with a

I the warthers in general, It see may have . 1887 This is but a poor year for hielling new almost as bud as last - thing! evert with an ne grat abundance. Fatuels at ear to be the most relia to anofo, of I am always abl Tra melo lo find all I were. I lay in my back in tolord Root Valle looking at a gray agume & two hairy wood-peellers, and lich to the walnuts full . Us end me fell i'm hund me stringly, as if some great fact lead transpired in nature. They gave mele a volice meacing think . 10 they struck the grown. All summer had die the been propuning for this one monest the most sudden of all the acts connected with the growth of the section the, and I fell as I Huested the parel branches & cruelled the met, that the might well anytain. an eno - not de l'Art I am thank ful to Kind nature of the rataret tre, & do not pass by unmid! " that I ine so much so those great much mulo the de it has .

apple I fell it shaple slight, & lootling about saw a five gray og wird illing met, are pails length away. Its tail 2 " ribrating re willy I it was evidently much displeased that I should sitt on the "squames heigh way" after some the it got up min a day wood - love It sat on a brunch was ling or me do go on, but time of this, it shipped buck alone the force and meto a large etar. Then I went to look for it, it was I of sight in the brunches. Anne grey squin can my caution. udeed, & I am som, to see how of ers almost leop will to ymmers bug. Sunday Cel 9 - Thy companion & I went to the country in the vicinity of took wares The Intary many it the fields I pateties if word to the having having brown on on quite a high send to 11 - about east of the old sin ble and fine with bead, and and and. He got liem in quite a small and, perhaps lew or fiften squan yards. The and is my sind to the first me that in her so far his and with the many q ... - horfeel then are many reny older and getter to the war there were

view when the words of weadher met throng 1887 Bother and were charming, the rebland in places bein omewhat high with an abruptdescent to the low land. In called on Kinne, the man who lime in the cystic street house, for a drit of water, I he gan are fer the societ a sheet in haging stone of with love holes in it, he had a long Lake with the executer on the political plate of the Island, about the propered tail rouds that well out up this portion in particular, the dead Indianes & the present On a large sand lune, in this sallmeadad, as all herote, the deve being rovoded readaining a little rally with a swamp. Far out our a desolate prese of young growth, we discovered the first hem lock tre that - has been found gruing 1. wild wild on b. I. Il was the vocasion here 'ved of great rejoyer , and we will make pilgninges . in the future . The hore is about send in a diameter. I saw Junia lamia for the first - time. in serval years It was flying in a barren Killian ... field. Spheragemen collars was blentiful on the sand him will be to the

Saturday October 15 - The past line or thine. I'll the waller mights have been cold and they have left the 1this autumn mark on nature, most of the butter-this being gone or many trees have list the grate of their leans. This is not so mild an autumn as Cicas - 1886 last, when I beard a licada tale in this mouth, on the 3rd wis's. The mind has been from the north and north east il' day, but it has been beauty clear, and em but in some rhellered Al ce o en not de the sur short. nsiled the same oulds & lits of wood lang is I did lust Burday & fielled. Caron her a rine bergeet tunter arrow head on the seem lettle he'l wien ? found the others. a great mumber of seller murped warblers were alread, Mellow runified. filerally humands, I having seem so many northlevo. of them together before. It few chewrises I cal birds still remain, and I son one wood thrush. Hemil- thrushes ... shooting a' - the lives with bean shooting Bido Li It I saw a song sharrow & a cal hil phosting. that had been injund, Fould !. fly a show distance. I think this "come been mount by the continue

was accompanied by a combanion, " , wonder if it: will star with it's crippleds friends through all our unter. the stage there is a secure Uling the along that money " where it were land & the sall weadon neet. Then · Carries a man in it was high you we yours lugging close to this wood ditts better and if me is a kint. The looks out this as we have there is the stight rea energy is always going on the her in the street of entire the street of the street is to brother in its is to brother Theseur, who such must, ich de runs that I Orcheli mun. I head in sur la frecuren of Crohelemerona Melanofo less rulgar stribulating, & I find that Mulawy germe wires can ven trackered, dam as grass stein quite ferst indust. not out the larvae of lady bugh eat plant live, (us I som a product-Cialasia esting Udalia la princlata colir one loda, I complete as notion andle to me le W Bertle of Ribbon master I wild, who cleaned one & I charmed " loose over a half 9 Emile bottle for it to die or at least become torpid in a cyande bottle. I was a .. this point of letting it so served times as I hardly Tilled. The idea of making it & sun showe strangers for enr more.

Lunday Oct 16: " in morning of hope W. R. R. to blefton & walked through the meadons to Mente When I was new Parretion, I was looker a at a in iven, " champs of Helenium, noticing how in many of ", el 4 d in de the Hours of ell of leaving the central head only when in my raquery I fell into a creth getting wit uto to my Muces. I wished my shows were not so noter tight - then, for they might. It is a lettle of it on. In one of the Easter particles of wood land. that stire the west in, I discound two nest his nesto. of the openings. The openings or down we in such was on the south east side, and one i. The mests was built in a mest conspery, stace by the path. A one ented han easily got at it I it is owner, that ran out when disturbed. I neglected to make i very careful inspection, but I will that the more made the mest itself - their it was to an old bird mes mes 'n this same patch if woods I found a garler make & a land hirther may ingeller, perhaps enjoying each others company. The heir'te had yellow eyes faint and on the brider, come male. I called at ErBullius about one o'clock after eating real lunch in a surrey sport where of disturbed what I lain to have been a whippy will . It flew a few feel + rettled down mid !

bushes & when I followed it up the same wellen was hurseed. Mrs Britten, the Dr J & (4the dog) well out ar the beach. Then were a great many gullo 4the the frilly dot was on happy in non ming along the sand barring al a gull a quarter of a much away over the nate. Dentemino be run out mid the war , in order to get me it. Butter careglet a bestle lish in my putty fish it was with a farrey dereal fin Inditish sealed. It looked her all one very compally There was a low our's stell smouther, the worth dere trulle a little expert of a lead a large tim started, for the I saw one cal breek a bour thous I mat-Cat level much to a Cla rumped was thro. In the tieme widen this merning, " saw some of their was telero & a few times enepero. The I ello muched has a halie of bling outder in a timb & catching wiseld, in the serve un l'e same do . 1. Brittons on lund a specimen of Entre ordera Entre ordera in the house about the end of September, and gan it to me yesterday for the association. It is quite truste looking and furfeet. The two that - I have latter were cartind in July we was think" & the about

October 22. I have a small Rana Thurse effect clamitains in an acquarium with a member of insects and the aligator. Tomight I heard a distirbune as if an injustice was being pertrated upon some of the weather members of my family, and an intection minded - the fact that have was trying to wallow a butte, The brethe was entirely out of right when I find looked, & every bille while In came a cound from the frogs butty open mouth, that I think was produced by the insect. Graduall. the end of the elyton appeared & finall the whole enalur for proggy discound that - Tropisternus, with its sharp ventral spire, wasn't a choice morsel, and so it was resioned to its - gomes Survey Setteder : 3 7 1887 To annadale Entire to the will have parting ship differences between 1 anxious to man some of the sparms or trulings that are commen at this season, & in a measure mul with purcers. I saw , sparow house make away after much work the common speciency have a Anns

I willed the same large rehand bordenic of the out meader that I multied though in the lecture of &4 francisco. And as the the ground was string with applies Benedic L-Far so that I had to step with can lest. I was them under my jee ... Then was about fin or rix Kinds refinsented, nerrels me use . The foundation of an old house stands ar a little rise in the land close on to the meadons, & near one of the walls then is a large. button wood line, measuring about - 1. fl- i'm. round. It is it is I yest are of the Hund that I a little worth of this hie tim is a privat burying ground - there ruenny mem is of the morgin family a. militario - 1 9 ulso sau a stare lo a latingein hage who died in 1945. will comy the risen blins ome day. This locality is notable for it's lunger trees, I them of there or four quie lange while rebestied outs in the rising The meanured, Slanding by a quid-dd wood - wad - Jummeled by smaller this was 11 gl, bin in evenuferne, and its trink was large around for many feel up. hudling to the east of the bearing ground (which embine a large nd maple, endently planted is 15 ft- 2 in ne circum, mee, sprading into serval large mugh about 15 feet from the ground.

Also visited the old house on the Alone or hand large and dure when I called fast deme it with time I was near. The only way to Il is to cross the someadors in a road constructed for the purpose, for fictory there & How only the tot far house is left which com amed a friend fine estar tres, sensel willows (still, and a selve poplar. With all it's little hills & dales, I should this this dame contains fifleter acro 4 this his et ground to be about - i my feel - a on the meadow land Then an a few signs of an underan so then or at least of an encomponent - for l'in absence of use frish water probably for mule a perinament rede . Howard I found heres of potterny that had fallen out you the wolf of a cedar line our lange the buch - I on one of the two highesthillocks I for a very good he were done. What seemes & arroccalions there niples & the lost potting roysler shells, on the oldsand dunk and before us and the date fune house is not without its whint for Coming across a field I frightened him Kablilo

found, was a well worm spot in the high grass Hoothed as if it had been ran a short-distance at first; ofthere Heroughly aroused - its when laid wentbounding ont the lite. Chaellers hidreg There were a few dictions in the field I when frightened by my approach, they hid was just as the rubble did as it the had learned - the seere from them. It was very comical to see me young north crawl in an on the langled wars + remain herfectil still with only his tright noddish eye turnkling. Their actions were so stronge at first - that I then ght their were men me d'han new cleikeur ace this was, before, but nent ween so slight as not. in few heller flees won flying, meh . . o Grapla, Colius & Francis and the usual number of grass hoppers. I should han mentioned about that in a love away the roots of the cadar, when & Komoblin educal, It was hardly lune for it to be bereating of for they are and the second the man is a will as

Oct 31 87 I visited Mr. Sterms upon invitation on Iniday er ming, & Saturday we & a Mr. Martin whene to Chat born, near the "Great swamp" We find went out of the village in the of posite direction from the suamp to call on a Mir. : Dichus or Die Muison a laxidermint & found him in his work nor a sug ud un stuming a vol. I. home is an a lettle race in the land, most of the surrounding count , bring summery, Ithe Passaic rie running near by. Still barne hickory and lies wood very common I aw. few other species and it received to be a favour or place for ' birds. Red headed wood is in were common on. the rine lando & we see many flores of white throat d sparrows & yellow trids. Hed aguines win colling up the hickory wets I as we came by one bried to get into a hore in a history but was too large ofinally tran away report our neaver approach Then are wars the tree in the land land shown who is their water has it of. in forshel- the stillie country must be almost a and an such occasions. Mr. al conser las se en locks who wire be calched many hate after this for hot subsides & he lots the valir back into the rine, the fish being forced into win cages.

He is al . a famed, but says sluffing birds pays " just as well as tilling the port. Her abound us all the specimens that use the chillen wissech a stop. then being was lette parindges that was hatched under a her I also some young sexual outs. He makes special of stuffing young birds, & hatches many lette wild ducks, quail . under : The Front duello little won't due to though become in . Somewhat tarrie god an very sushicions, & s from a sudden meremen at the hand wed queli unlike some trues build along the river, but fish errus un ex Then were some fribated nood peoples about the room and I moderated Pilealed wood him to say that the also counted out his fame The Cade at growbeall is of race Carelina! occurrence though not an uman hind about newarte y while the vers bradeol grobeast is bene we see ... Our Hillach itself by thing in the lane on Mr Martins place at bouter Orange this summer. Going lack- Almigh Challow ullage, " visited the "great Swamp", word mules legard. Of course we amed only so in a lette way, Keeping to the view & really saw but a very lettle of it It is a gound plus ; we would as heet to see

aloned a there was there and of the second section of the sec the time of the server light, we direct has the property to an observe of (mu bly , lances ar the hode of feel ones. Interior talificate Phurane J. Charles grows about to in this nount, but I saw it no when ele in me how days raceble. 1. in the outstand, siting Blowfield, Hod sidge station 42, 4 back our the mountain by Eagle rock to along the ridge to Mester The removant of all the Oranges is to be take - to a common emiler on a law free a ground when there has been a but I building of bee stone can truck & It will be her manufactured rule - varion. use fur - commodities, the waste water being ru off into a troo. The grounds i thus is a 'hument an lai's our like parse, I the building with to lette low . 5 4 the riem of me the mental to proceed to "Leasant & the wood and in some places was also ie. Mr. Martin should us a mon bird injury, that had surred its death by driving its upper mandible through the loves me, so that the

frink projected on the under side. It had probably flow against arme hard surface me risited mr. Bailey, (mr. martin in volucing us) who is a or ittologist !!! lately later up coleophera. It had I love tack i us lived , eats I here it a many since of the first to the war to a second rue was, of .. I the road to Mor 2 - " " ture " " he was see out , or the Waln kneeres chier in 400 in the first wine this dutum. No. 4: Irolan, There are does hard - I have seen Vaneraal calispellars endo reclairs of Haversa and open on a fun. under a willow his . This is probably a third broad. Lunday Mer 6. A Bus an muller & I would out it buy warm of leasured. Plethodon In some cares I said that Sommer wouthour Phethoday erythronotees forms . sort of a cell under the Slove when it proposes to be bernate, or index it may be that it finds do wa, into a cell made by poine other enalum. Il ringle specimen of antiener americanum was frightened from do restray place on the ground, and after los shor flights let - high up in the All the aid of a long strike I got it to be after rainly logning to produce the same effect with stones thrown against the the sto when it was resting. When i

peached the ground it wastered to like under me of the numerous leans, atleast it made no effect to fly w'en approached, AT captured it for Butinmille a few specimens of Encoptotophens sordida & Chimarocephala rividifasciala un abroad, ; many Melanoplus fermer norum. Then were also some grasshopher larva. of applia sulphuna & C. vind. fasciala. One milled jumped out of the yours as woulded along. It is pleasing to Muon that - our populated Island still contains Election Day, Nov 8: The Porcy Bolimical Club and the Mul. Sei. a rosiation went on over exercian , getting off of the care al-Curt House statem. As was to be expected on mel a run the I did not see many of the birds or but love had very this less a my good time, " Under a store I discound a specimen of Hemidaety line Hemidachylium scutation, the fine one 9 her found in several y was intigen wind away for under the all fin o'clock when it was yet gente light amount of saw the formation of saw the formation of the same species of the thought but (that applies cinerous), Scerba lum Hibernating Vanussa there was possented at a meeting of the U.S.a. in nor 1885; having been shot on the Island. They are en'dealty migralory. When might I not see if I lind near to a bit of midlend?

Rubbil.

alalapha

cenerous

Saturday, nor 12: I mulled along Screth 1887 brack this morning, & afterward as the und blew or bard, up sulo the hills when it was more shellind. The hermit who built a bourse on the The house it will sand hour near the bridge, still the beart heres there, & has added two were lette structure, all made out of bilo of lumber pulled up on the shore. When he can get it, he covers them with old time rung, the is masting quite a tight Many rugs were east up in this beach, of I saw him gruners shoot some beautiful water triels, with light lammder bucks & black sulle tail feathers, The bouleve - ing the beach, is now handly a path in rowe places, 20 much has been washed a way, & the bridge is falling supidly to ruin. a third black dog came slegly who be land me as I walked toward the upland - I outbed his now against my hand the fairly without when I lumed around your bad. no a shelled shot I found one of the Flows in action still in it was a fine to 100

Composite + Gerlian Up in a chestimet line was the highest point the new a dead hand anythe The Countries, I werder the time of form or another one. Com los of a street there was an steerings. Of Blumia, bridgeday that us. Charley bla Owl had capteind, but had only eaten the brains. Sunday Nov 20. I numbered out to Kichman but in all my fourtier miles walk I die not me a great deat, for it was a blear day I few highes extend leaves are street in the black berry bushes, & in some protected ditches o' discound a few flowers in bloom, particularly a cand with both when I punk". I noticed a next halche friening at a met, thattul hatch it had laid on a large bungus growth theellory muls up in a line, using the fungues as a. sort of laite. I stopped to watch it the met hatch also slopped to look at me. After a line eusedering me hamlers, il came around to the again for a little while werd into a hole & formulty rappeared with a mel. This it took association has to placed

beside the other Ufter hielling at there unto for a lune, it muld - in upo the tre a little way of their back again to the mulo again. I had watched il for a long time. was getting time would when coming armed to the hole again, the bird regarded me very attentionly being insteadly afraid to go in while I was so close. Haveni, after remont starts it finally disappeare In due time brought out another muli. Us it went up to the top of the line shortly after I thought - it. remeld be no "a ... to Knock the nuts of the Jungues growth which I did. " thout disturbing the taller. I found that the lad been eaten by a squant, one it them still learning ance of the most lake in it showing the marks the nut batche's bill . giving bay, nov 24 The sun didn't near the highest point. . . along the found a blass make that one had Killed Taken I stord upright the

have bucked the ground. When I art how I wearened I found that this wir of men in your amount is no two retires, and I wand me amo in the houses of so source a them away from say unhashitate blace. Robins, go to Juney" I shouled but then, and flew to in new in new They 1. . not 11. on enough to be frightened for " the der yards Tirchards, where they were they had se I many met as I who did them no ham. " a man ement along the word & sees eved make that has come out to warrend himself in the lastsays of untimes vaning sem, when for no you · asm's that own he can give be puts his list on it or Hills it will a stress, for he is generally afraid to go very near. He will stee Saming may be . that he Musted's .. big make Alley are glad ... in the evening he ultinds a lection union meeting, Trays canadilists an extermeding him & lu charter of the second of the second firething how he there so many things himself "is untived. to call I day's surply Force to present a given line. I stationed myself wear a tellie pool in Chicadees a therete to water this of day . I some

they came close up to me in I rape may quiet: Servat un les than a yard away ine lattice a bath in the water at my hat you protect a lead lenfoul of a crotos u . lie. I le me avoir with it. Ther we also served willing new bed wartlers hellow-mu ! col the sense sharrow in the block. wurble! c'Irma it he love mother I immeded that I had non seen bede . turde vactourelle the ablence ! saw . In the g about in the be Carolina (at flying nous shi . It. da, being warm. " was 150 al- 1,51 "11 in the new view 1 MA. 9' one .. words wary mede. lucio batio la alen alette que unserto I who will see. That the can of see in the in luck! There is lance it came close to me I as it it distinguish to color distinctly when il be ned in do apara of flight, se i' am you're see, that it was U. Carolina h. " " Comale Melanoplus benun bedonin Melinop lice your hoj hero we - alward - do they en , hito male ! Lower nomen gan .u m. var. Il ben un ul. . . . jet in plant y d Dande lion o heard a some sharm sing a horton of it's ring. Bing sparm ug under not z, This was a week hipt like day than yesterday en the museds being out in runbers. On Ward's PL at Tellinil I ami what I lake to have been a Memarch

butterft, but befor I could get over the hidlet fence and after it it was gove, so I am not serve. Knops & a Poliotes. hu bees were also alroad & Encot tology Exect total times Cophia & Melanophus former-mi mu (849) min aplica. seen in some munders. I captured a & Milliant to . encurred of alerdian americanum, the ar de la second individual I have new this year, hours came Prepero / Hoyla pickeringie / were in full ring, do ylan as in our regul day . Many moth were in the furnimens under the trues, & I saw a wow bird Moth Ysum by to vales are. I find the fruit of the cactus, the briesly pear, and good Prickly hear o at this reason, I ate served of I am. It is best to turn their ruside art & only cat that part just under the stim. How many good fruits there are, fruits that nature mint should be eaten, for "" this our mer the cacture plant has been saving up it - sweets for some bird or tease I was as Kind to it as I Knew how to be I the needs to the ground a quarter of a mile away from when they graw, but perhaps it was slowy ground & they will no bution with the like words I found to send explire della & when looking about a little discound a trotten avois be

· Novice Me mapping luxtle. Cha : mapping hartle for a little on the war led a few duy car. Lucia hands among the contract of the and the second of our ford terries , a second of The ridoflings of the marue former in the common hymtoplen, One lette men , and wider some leaves in blackbene when in trafferme well lin their winter, but he wasn't at home todan it were timely an apple true had serval lundred in your in it which had Joren here In the last cital maps . I found them are justy the eider, I there are protect. au ' carra e q tespection the ter to the state that. The process on the lai to the transfer of the second section of the contract the it is the all I'm I'm I id It in I - . i . Lien ei e Southern St. Lander les ver

o w saw " col y he o a the heath her Blackberrie was plying. that they are often high up on the but Lyla on the thilamale in some in out to hear one of the other frogs working out only 1. 1. 0 war to be seen , & il was interesting to get close up to the crows in the fog render our the tres. I sat under Crisi some little pilete prices, lut une discound by a crow that lit in a tre near my. I tept its perch & caved at me for a quarter of our hour. December 1: Last nig'et I saw a q lamp bette (you worn) shining brightly in the grass, so will Ilm norm is the wester. Sense: days ago, when I want out in 1. morning to feed the chickens, I saw a relinal ... on one of the pear tres. It whistled land! twas extremely sky. This is the fil wie grosbeak I un ent rece in the garden. Sunday, Jesem 11". hast- might- the unid blew in the mow yell fast, so that when I loved out this morning frank was n 1. While I was shorting a path to the chicken house I heard the the start of the think the

"credes in Mrs. Hagedon hedge. "
Thile I was reading the wrate ... nights in are old shed at lemely time, I saw and in thipping about on the suow which I captured. I put it in a tooth pick, slopping wop the suds with chewed paper 450 breakt it have safely. It appear to be the Soreus bre als of Filet Borens Enemalis Great heron I saw a blue heron pursued a com the line was about to ligh on the eargins a did wear while I was standing when arring me il flew about, but it hook it ponce time to get its long lags out of sight. This was cear highest point of 5. 9. Then was also a ren black look hand in the viewil , with the sentral portions the under side , its Public is " being the g only see the sur or surface. The freger apples as still good. as I throsted them I of this tree they can in the oft mon, I I would - I'm for

Muday, dent try, it has been be do so he her in which were done to the transfer and the deal . i' in been quite On ". " only a tablet I have snow linds yeeled me. as I wilked our sie words. On a persimmen the were two ballosamia Callosamia promether evenus & an am elan I found one made by the seen here's insect also prome trea everour of Telea poly unus. Jesterday I was used along the Ever the beauty on tribued a rumber of shells east up, I saw many specimens of Par Lova brilingala. Then we also some Pe ans. about the last were in nor . my singing mouse us no your, this being the Stund trood since nor. 1886. a. or for me oceasions she is more con in just before & for their links. The young an now quite well grown. December 312 1887. The hast year was a welres cortable for a few things, particularly f -s grass I as grew as it use !! is in prove the the extre seems. Leader ends raid rugh in the the for with finds in large growth gir 1887.

NEW YORK, Station 12 (26-25" 1887 Tompling ille Dear Mr. Emerler. I should have rent you the spider ? spoke of long ago, but all my span line has in spent nie newing the "beasts" out of doors, until now. On Good Friday, Thic 8:/87 I made the following note. "Il number of spiders wan naming about ruling their came. to a dead leaf, in the proper position, they would strike. " their pulps rapidly against it; broducing quite a noise then by . I could not see that they atracted me another, My eyes un often within a foot of the operating spider so I could see quite will, and the sun was strining brighty , at the truce. I gnote from a clipping . John Thermes says, in his Papaclow that on me surry april day his attention was attracted by table. opiniters that a more morning wording de soft - uncertain puring bound unde by little shidero that were your our over do cano" Thiell, till me the nex of this spider, of any thing else you will . I it you have no objections I will incorporate the information in a note for our n. 3 a. Proceedings for you are in need of med clauds often lives. Lycosa Kochii & Sincenty, Dano.

Pauplinismille, Glatin S. Oct-25-1887 Mr. amo M Butter, Dear Ser. Your letter of Mel'11" received & il munded me of a sest of a promise I had made , only parte fulfilled, The west time I would afield Teaphind - the ribages make I med with this. I have also put in the lox a spelespes never (about one has grand) which I found - under some strong, must in the mind by an cow walthing on it. They however, general occur when there is a little mon water, if not in the oping proper, or under a stare in the trook. I have also found I have of his water boards laying in the edge of the troops divita for you but I forgot to men the about on it Til spiried. I feel very sorry for the enalure generally when I feel them in alcohol, though I Know my well you would wake good use of thisse. (you have a list of those I am acquainted, with) or if you have any notine gran hoppers or other bottoplesse I shold like them unlead of nortetrates. They need to be canfely Hoping they nach you in good emplition I am, Swieinly, M. J. Dans

In Secure for any 5, J. J. H. greenes concerning the reappearance of mosquitoes on Staten Island sem days after a storm. Though I have made some notes from time to time in reference. to Cur., this fact has never been observed Stories ... always desastrons la ursel life sofrantique then from the and will lett or blow away moths and butterflues a well as new, wilves, but that there latter insects should rappear in numbers, sem dage user a storm, will depend which when whether the majority of the bripase In reached making or not at that time Mesquitoes are bresent in members all summ uled on the batt meadows, indeed I have seemfeed By with my los hand . low they hundreds of their Euros from the Cell pools, but it is only at intervals of about a month that-Mici. Burne in the upland, During the Callie with in Me or first with in June and. Ale bersh dans of July and august, and again septanter i han would savarme of meagnitors, in part years. The wrot visitation, of all is littley to be the July one, or alleast it has been generally so mayne fort Oh low ground and near the meadows, I tian seen horses in July dressed with in garment much for the occasion tothers decled with a profusion of wiel indigo, that shoot ridery as the trotted alone The older mideal, remember will the mosquite noitating if July 3rd 1862, when the regulation were left impietted TompHinsille, Status bland. aug 9-1887. The M. Davis

1872 was quite a mosquilo year. we mumber it will in the caucily because my grand gather was til that ommer. 1882 mas also quile a misquito year, as we number, & a o a farmer told me a few days In the note on the prime page the year should han been given as 1863 instead of 62 & I have rive heard some diretter particulars concerning that risitation. The man with a net der his head was going to the boat with another not so protected, when the latter beene so shing that he had to be led have by his our famou. The comice in bonce some were so cound by morgailor that they appeared black or from & after about the third or fourth day they commenced to die twen suplub in munbro on the floor. des- 1: 50, " an 1 " woon of S 9, 1854 to 52 Magne in ug 2-28, 1864

Un Expulsion of Spanows" - It was I whall a flech is there to trade with that - Tr. a. G. saw circling about his house on Statin Island, but - they in no caused the disag hear wee of the sparrows as in maind. There swallows e the second ... to en & Towners bustice. and on a contract of many many to as to the Eng. sparrous, this is their season of flocking, and in some its 11. abound. I once Knew of a 1.11. vow e'm; when there hards con reg ... the same of and in great-convention until the sum went down. The wen gathered in a larg. circle of country and I think that W.a. 1. will find a similar meeting place als. Sparrous will be a semblade. Jan, Kusrille, Stalen to lug 29-87 Fr 7. Davis I miled in I seemed the 1860

Swept in 11. State the of the of Dear Mr. Bruner. Juns of the 19" received in repe in I send two much toxes, mucho . Ye was me some time ago that you would be pleased " un openien of ur most common marry \$20. sens on me har an me use to do not - - Those not a haper wor captured 1 me in Sullivan . 11.4. "he other box con airis the proges, nos 1,3, 6, 8, 1, 10 & 15 of which, I would little . Keep is you do not mind. I loo melude the acnocabladus in sull's the g of i I han not get been able to cap in. If you " on any com man forms from around our home, ra specimen of Spherogener " wate that you could span me I be much obliged. I do not remember whether I told - The second o me that - raro Thos. = P. allantica, Sound, at-leas upon his request- I sent- him a , the same mused - I mailed to you b = said was attention --

I sent - Mr. Bendder two specimens of this genus & they cause buck identified as to virus & to minus slender from, just as you again identified their for me in 1885 (numbered 1+2, you have the specimens). I was , however, quite certain that they were distinct & so looted after their earfully. In Jan last I again and then to Mr Soudder, giving my reasons for considering their reparate openies. They were warned no 4+5 The replied as follows! - ... her 4 75 an I think distinct; though not reproduct in my collection. Your masons are valid, but which should be called mines twhether the other has been reparated to manued fees is probable, serve half dozen Ozeanthuro species having been described from the D. I cannot - now determine for would of time " You bear, perhaps, some lilerature on the subject yeared find this matter out I and the black legged to coulders in the lox will send the other forms if you desir them. When does O. latifumino come an? For Blatin Island openies way be reparaled as follows. See paper altached. If you can make any cleaning up of this water I would be very glad to hear of it as that I Cun at least gin my finns names. no 4 I lake to be Spharagemen balliaturn 8, of No 5 I found nearly othergue it might be a q me the pupa state. However, the full grown of don't look much little it. not I take to be Tettis omala, but no 8 I thuise is distured;

Combus li punctalus. (Fearlites sinces. On the under side of each antering them an two raised bourish spots, one on the basal just and one on the record joint. Broadest portion of the for ung, 7 m.m. The same whole C shaped new surrounding the shrilling organ is more any war than in the next two species, that is comes many to an Le them in theren. Stridulation, pulsating or this bling in second. Ocan thuis of ! - Much mon stender than O. vinus the broadest portion of the for wings being 5 m. m. The nerve surmending the stilling organ is more C shaped than in the ninus of not so augular. Strictulation family but not pulsating and tapli-up but a shortime few moments ar any one time. Ocanllius - spo! Often will- partially black body, legs and antimac, and a median, dorsal therasic stripe of the sauce color. Each auterna has four raised blackish spots at lase, two as the first going, the inner one The C shafed never of the same forme as in the preceding slender Caultus. Stridulation not-pulsating lut- Hept up in a cintimuous strain for quicklong pining

observe the setting of the eyes, Than been rearching for Orchelimmen agile & send possere mlated forms. Perhaps no 11 is O. Julgar but - the tegumen is very chort & printed. no 12 may be the same, but in the care the second pair of wrigh an the longest whenas in no 11 it is the verise. no 13, may be I fasciatum, but - is patter lunge, I have mades just as his, that evidently belong to the same species. hony ling Hildains

